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GENERAL INFORMATION

This Airport/Facility Directory is a Civil Flight Information Publication published and distributed every eight weeks by the National Aeronautical Charting Office, FAA, Department of Transportation, Silver Spring, Maryland 20910. It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

This directory contains all open to the public airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this directory contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial-Intelligence Agency and is intended to provide reference data for military and/or joint civil/military airports. Not all military data contained in this publication is applicable to civil users.

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CRITICAL information such as equipment malfunction, abnormal field conditions, hazards to flight, etc., should be reported as soon as possible to the nearest FAA facility, either in person or by reverse charge telephone call.

FOR AIRPORT SUPPLEMENT REVISIONS FORM VISIT WEB SITE: <http://nfdc.faa.gov/portal/airportchanges.do>

FAA, Aeronautical Information Services, ATO-R, Rm. 626
800 Independence Ave., SW
Washington, DC 20591
Telephone 1-866-295-8236
Fax 202-267-5322
Email 9-ATOR-HQ-AIS-AIRPORTCHANGES@FAA.GOV

NOTICE: Changes must be received by the Aeronautical Information Services as soon as possible but not later than the "cut-off" dates listed below to assure publication on the desired effective date.

	Airport Information	Airspace Information*
Effective Date	Cut-off date	Cut-off date
22 Oct 09	9 Sep 09	20 Aug 09
17 Dec 09	4 Nov 09	15 Oct 09
11 Feb 10	30 Dec 09	10 Dec 09
8 Apr 10	24 Feb 10	4 Feb 10
3 Jun 10	21 Apr 10	1 Apr 10
29 Jul 10	16 Jun 10	27 May 10

*Including changes to preferred routes and graphic depictions on charts.

FOR CHARTING ERRORS CONTACT:

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SSMC-4 Sta. #2335
1305 East West Highway
Silver Spring, MD 20910-3281
Telephone 1-800-626-3677
Email 9-AMC-Aerochart@faa.gov

Frequently asked questions (FAQs) are answered on our web site at www.naco.faa.gov.
See the FAQs prior to contact via toll free number.

FOR PROCUREMENT CONTACT:

FAA, National Aeronautical Charting Office
Distribution Division, ATO-W
10201 Good Luck Road
Glenn Dale, MD 20769-9700
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Fax 301-436-6829
or any authorized FAA Chart Agent

New or Changed Information—To alert users of new information or changes to information from the previous issue, a vertical line will be portrayed in the outside margin and extending the full length of the new and/or revised data. This will not apply to the front cover or the airport/facility directory listing.

This Airport/Facility Directory comprises part of the following sections of the United States Aeronautical Information Publication (AIP): GEN, ENR and AD.

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ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example—"req" may mean "request", "requesting", "requested", or "requests").

AAF	Army Air Field	byd	beyond
AB	Airbase	C	Commercial Circuit (Telephone)
abv	above	CGAF	Coast Guard Air Facility
ACC	Air Combat Command; Area Control Center	CGAS	Coast Guard Air Station
acft	aircraft	CIV	Civil
ADCC	Air Defense Control Center	clsd	closed
AER	approach end rwy	comd	command
AFB	Air Force Base	CONUS	Continental United States
AFHP	Air Force Heliport	CSTMS	Customs
afld	airfield	ctc	contact
AFOD	US Army Flight Operations Detachment	ctl	control
AFRC	Armed Forces Reserve Center/Air Force Reserve Command	dalgt	daylight
AFSS	Automated Flight Service Station	Dec	December
AG	Agriculture	DIAP	DoD Instrument Approach Procedure
A-GEAR	Arresting Gear	DoD	Department of Defense
AGL	above ground level	DSN	Defense Switching Network (Telephone)
AHP	Army heliport	dspld	displaced
ALS	Approach Light System	durn	duration
alt	altitude	eff	effective
AMC	Air Mobility Command	emerg	emergency
ANGS	Air National Guard Station	EOR	End of Runway
apch	approach	ETA	Estimated Time of Arrival
Apr	April	ETD	Estimated Time of Departure
APU	Auxiliary Power Unit	exc	except
ARB	Air Reserve Base	extd	extend
arpt	airport	FBO	fixed-base operator
ARS	Air Reserve Station	Feb	February
AS	Air Station	fld	field
ASDE-X	Airport Surface Detection Equipment—Model X	FLIP	Flight Information Publication
ASU	Aircraft Starting Unit	flt	flight
ATC	Air Traffic Control	flw	follow
Aug	August	Fri	Friday
AUW	All Up Weight (gross weight)	FSS	Flight Service Station
avbl	available	GA	glide angle
bcn	beacon	GCA	Ground Controlled Approach
blo	below	GS	glide slope
		haz	hazard
		HQ	Headquarters

CONTINUED ON NEXT PAGE

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hr	hour	npi	non precision instrument
IAP	Instrument Approach Procedure	NS ABTMT	Noise Abatement
ICAO	International Civil Aviation Organization	NSTD	nonstandard
IFR	Instrument Flight Rules	ntc	notice
ILS	Instrument Landing System	obsn	observation
IM	Inner Marker	Oct	October
IMG	Immigration	OLF	Outlying Field
incr	increase	opr	operate, operator, operational
indef	indefinite	ops	operations
ints	intensity	OTS	out of service
invo	in the vicinity of	ovrn	overrun
IMC	Instrument Meteorological Conditions	PAEW	personnel and equipment working
Jan	January	pat	pattern
JASU	Jet Aircraft Starting Unit	p-line	power line
JOAP	Joint Oil Analysis Program	PMSV	Pilot-to-Metro Service
JOSAC	Joint Operational Support Airlift Center	POL	Petrol, Oils and Lubricants
JRB	Joint Reserve Base	PPR	prior permission required
Jul	July	PRM	Precision Runway Monitoring
Jun	June	PTD	Pilot to Dispatcher
Kt	Knots	RAMCC	Regional Air Movement Control Center
LAA	Local Airport Advisory	req	request
LAHSO	Land and Hold Short Operations	rgt tfc	right traffic
lbs	pounds	RON	Remain Overnight
ldg	landing	rqr	require
lgt	lighted	rstd	restricted
lgts	lights	RSRS	reduced same runway separation
LMM	Compass locator at Middle Marker ILS	rw	runway
LOC	Localizer	Sat	Saturday
LOM	Compass locator at Outer Marker ILS	SELF	Strategic Expeditionary Landing Field
ltd	limited	Sep	September
MACC	Military Area Control Center	SFA	Single Frequency Approach
Mar	March	sfc	surface
MCAF	Marine Corps Air Facility	SFRA	Special Flight Rules Area
MICALF	Marine Corps Auxiliary Landing Field	SOAP	Spectrometric Oil Analysis Program
MCAS	Marine Corps Air Station	SOF	Supervisor of Flying
MCB	Marine Corps Base	SPB	Seaplane Base
med	medium	SR	sunrise
METRO	Pilot-to-Metro voice call	SS	sunset
Mil	military	std	standard
min	minute	Sun	Sunday
MLS	Microwave Landing System	svc	service
MM	Middle Marker of ILS	tfc	traffic
Mon	Monday	thld	threshold
MP	Maintenance Period	Thu	Thursday
MSL	mean sea level	tkf	take-off
MSAW	minimum safe altitude warning	tmp	temporary
NAAS	Naval Auxiliary Air Station	tran	transient
NADC	Naval Air Development Center	Tue	Tuesday
NADEP	Naval Air Depot	twr	tower
NAEC	Naval Air Engineering Center	twy	taxiway
NAES	Naval Air Engineering Station	UC	Under Construction
NAF	Naval Air Facility	USA	United States Army
NALCO	Naval Air Logistics Control Office	USAF	United States Air Force
NALO	Navy Air Logistics Office	USCG	United States Coast Guard
NALF	Naval Auxiliary Landing Field	USN	United States Navy
NAS	Naval Air Station	V	Defense Switching Network (telephone, formerly AUTOVON)
NAWC	Naval Air Warfare Center	VFR	Visual Flight Rules
NAWS	Naval Air Weapons Station	VIP	Very Important Person
ngt	night	VMC	Visual Meteorological Conditions
NOLF	Naval Outlying Field	Wed	Wednesday
Nov	November	wx	weather

DIRECTORY LEGEND

SAMPLE

① CITY NAME
 ② AIRPORT NAME (ALTERNATE NAME) (LTS) (KLTS) CIV/MIL 3 N UTC-6(-5DT) N34°41.93' W99°20.20' JACKSONVILLE
 ③ 200 B S4 FUEL 100 OX 1 TPA-1000(800) AOE Class IV, ARFF Index A NOTAM FILE ORL Not insp. COPTER
 ④ ⑤ ⑥ ⑦ ⑧ ⑨ H-46, L-19C IAP, DIAP, AD

⑩ RWY 18-36: H12004X200 (ASPH-CONC-GRVD)
 S-90, D-160, DT-300 PCN 80 R/B/W/T HIRL CL
 RWY 18: LDIN. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0° TCH 36'.
 Thld displcd 300'. Trees. Rgt tfc. 0.3% up.
 RWY 36: ALSF1. 0.4% down.
 RWY 09-27: H6000X150 (ASPH) MIRL
 RWY 173-353: H3515X150 (ASPH-PFC) AUW PCN 59 F/A/W/T

⑪ LAND AND HOLD SHORT OPERATIONS
 LANDING HOLD SHORT POINT DIST AVBL
 RWY 18 09-27 6500
 RWY 36 09-27 5400

⑫ RUNWAY DECLARED DISTANCE INFORMATION
 RWY 18: TORA-12004 TODA-12704 ASDA-11704 LDA-11504
 RWY 36: TORA-12004 TODA-12004 ASDA-12004 LDA-11704

⑬ ARRESTING GEAR/SYSTEM
 RWY 18 → HOOK E5 (65' OVRN) BAK-14 BAK-12B (1650')
 BAK-14 BAK-12 (B) (1087') HOOK E5 (74' OVRN) ← RWY 36

⑭ MILITARY SERVICE: A-GEAR E-5 connected on dep end, disconnected on
 apch end. JASU 3(AM32A-60) 2(A/M32A-86)

⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿

⑳ FUEL J8(Mil) (NC-100, A) FLUID W SP PRESAIR LOX
 OIL O-128 TRAN ALERT Avbl 1300-0200Z†, svc limited weekends.

㉑ AIRPORT REMARKS: Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200-0300Z†. Parachute
 Jumping. Deer invov arpt. Heavy jumbo jet training surface to 9000'. Twy A clsd indef. Flight Notification Service
 (ADCUS) avbl.

㉒ MILITARY REMARKS: ANG PPR/Official Business Only. Base OPS DSN 638-4390, C503-335-4222. Ctc Base OPS 15
 minutes prior to ldg and after dep. Limited tran parking.

㉓ WEATHER DATA SOURCES: AWOS-1 120.3 (202) 426-8000. LLWAS.

㉔ COMMUNICATIONS: SFA ATIS 127.25 273.5 (202) 426-8003 UNICOM 122.95 PTD 372.2
 NAME FSS (ORL) on arpt. 123.65 122.65 122.2
 NAME RCO 112.2T 112.1R (NAME RADIO)
 (R) NAME APP/DEP CON 128.35 257.725 (1200-0400Z†)
 TOWER 119.65 255.6 (1200-0400Z†) GND CON 121.7 GCO 135.075 (ORLANDO CLNC) CLNC DEL 125.55
 NAME COMD POST (GERONIMO) 311.0 321.4 6761 PMSV METRO 239.8 NAME OPS 257.5

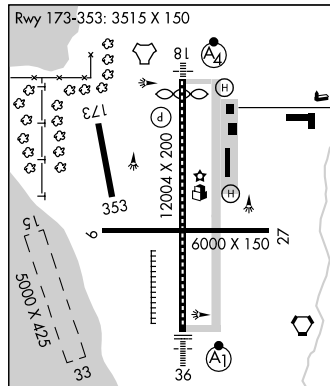
㉕ AIRSPACE: CLASS B See VFR Terminal Area Chart.

㉖ RADIO AIDS TO NAVIGATION: NOTAM FILE ORL. VHF/DF ctc FSS.
 (H) VORTAC 112.2 MCO Chan 59 N28°32.55' W81°20.12' at fld. 1110/8E.
 (H) TACAN Chan 29 CBU (109.2) N28°32.65' W81°21.12' at fld. 1115/8E.
 HERNY NDB (LOM) 221 OR N28°37.40' W81°21.05' 177° 5.4 NM to fld.
 ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
 ASR/PAR (1200-0400Z†)

㉗ COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
 HELIPAD H2: H60X60 (ASPH)
 HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.

187 TPA 1000(813)
 WATERWAY 15-33: 5000X425 (WATER)
 SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of
 arpt not visible from twr and are required to ctc twr.



All bearings and radials are magnetic unless otherwise specified.
 All mileages are nautical unless otherwise noted.

All times are Coordinated Universal Time (UTC) except as noted.






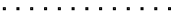
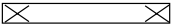



All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted.

The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).



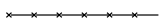








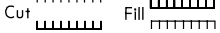
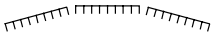


10

SKETCH LEGEND







RUNWAYS/LANDING AREAS

Hard Surfaced	
Metal Surface	
Sod, Gravel, etc.	
Light Plane,	
Ski Landing Area or Water	
Under Construction	
Closed	
Helicopter Landings Area	
Displaced Threshold	
Taxiway, Apron and Stopways ..	






MISCELLANEOUS BASE AND CULTURAL FEATURES

Buildings	
Power Lines	
Fence	
Towers	
Tanks	
Oil Well	
Smoke Stack	
Obstruction	
Controlling Obstruction	
Trees	
Populated Places	
Cuts and Fills	
Cliffs and Depressions ..	
Ditch	
Hill	

RADIO AIDS TO NAVIGATION

















VORTAC ...		VOR	
VOR/DME ...		NDB	
TACAN ...		NDB/DME	

MISCELLANEOUS AERONAUTICAL FEATURES

Airport Beacon	
Wind Cone	
Landing Tee	
Tetrahedron	
Control Tower	

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g. (A1) Negative symbology, e.g., (A1) indicates Pilot Controlled Lighting (PCL).

Runway Centerline Lighting	
(A) Approach Lighting System ALSF-2 ..	
(A1) Approach Lighting System ALSF-1 ..	
Short Approach Lighting System SALS/SALSF	
(A2) Simplified Short Approach Lighting System (SSALR) with RAIL	
(A3) Medium Intensity Approach Lighting System (MALSR and MALSF)/(SSALS and SSALF)	
(A4) Medium Intensity Approach Lighting System (MALSR) and RAIL	
(A5) Omnidirectional Approach Lighting System (ODALS)	
(D) Navy Parallel Row and Cross Bar ..	
(F) Air Force Overrun	
(V) Visual Approach Slope Indicator with Standard Threshold Clearance provided	
(V2) Pulsating Visual Approach Slope Indicator (PVASI)	
(V3) Visual Approach Slope Indicator with a threshold crossing height to accommodate long bodied or jumbo aircraft	
(V4) Tri-color Visual Approach Slope Indicator (TRCV)	
(V5) Approach Path Alignment Panel (APAP)	
(P) Precision Approach Path Indicator (PAPI)	

LEGEND

This directory is a listing of data on record with the FAA on all open to the public airports, military facilities and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Joint civil/military and civil airports are listed alphabetically by state, associated city and airport name and cross-referenced by airport name. Military facilities are listed alphabetically by state and official airport name and cross-referenced by associated city name. Nav aids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an open to the public airport in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the facility conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military and private use facilities published in this directory are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint civil/military airports and facilities in this directory are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four-character ICAO code assigned to airports. ICAO codes will only be published at joint civil/military, and military facilities. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter "O".

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private use airports. The operating agency is shown for military, private use and joint civil/military airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	N	Navy
AF	US Air Force	NAF	Naval Air Facility
ANG	Air National Guard	NAS	Naval Air Station
AR	US Army Reserve	NASA	National Air and Space Administration
ARNG	US Army National Guard	P	US Civil Airport Wherein Permit Covers
CG	US Coast Guard		Use by Transient Military Aircraft
CIV/MIL	Joint Use Civil/Military	PVT	Private Use Only (Closed to the Public)
DND	Department of National Defense Canada		

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 4 NE.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as "Z" time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC-5(-4DT). The symbol ‡ indicates that during periods of Daylight Saving Time effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (-4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15-Aug 31 0630-1700Z, Sep 1-Apr 14 0600-1700Z.

7 GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

8 CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is located. Helicopter Chart locations will be indicated as COPTER.

9 INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAM

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5-4-5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each A/FD volume alphabetically by associated city and airport name.

10 AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbology that is not self-explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top. Airport sketches will be added incrementally.

11 ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as "00". When elevation is below sea level a minus "-" sign will precede the figure.

12 ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

13 SERVICING—CIVIL

S1: Minor airframe repairs.	S5: Major airframe repairs.
S2: Minor airframe and minor powerplant repairs.	S6: Minor airframe and major powerplant repairs.
S3: Major airframe and minor powerplant repairs.	S7: Major powerplant repairs.
S4: Major airframe and major powerplant repairs.	S8: Minor powerplant repairs.

14 FUEL

CODE	FUEL	CODE	FUEL
80	Grade 80 gasoline (Red)	B+	Jet B, Wide-cut, turbine fuel with FS-II*, FP** minus 50° C.
100	Grade 100 gasoline (Green)	J4 (JP4)	(JP-4 military specification) FP** minus 58° C.
100LL	100LL gasoline (low lead) (Blue)	J5 (JP5)	(JP-5 military specification) Kerosene with FS-11, FP** minus 46°C.
115	Grade 115 gasoline (115/145 military specification) (Purple)	J8 (JP8)	(JP-8 military specification) Jet A-1, Kerosene with FS-II*, FP** minus 47°C.
A	Jet A, Kerosene, without FS-II*, FP** minus 40° C.	J8+100	(JP-8 military specification) Jet A-1, Kerosene with FS-II*, FP** minus 47°C, with-fuel additive package that improves thermo stability characteristics of JP-8.
A+	Jet A, Kerosene, with FS-II*, FP** minus 40°C.	J	(Jet Fuel Type Unknown)
A1	Jet A-1, Kerosene, without FS-II*, FP** minus 47°C.	MOGAS	Automobile gasoline which is to be used as aircraft fuel.
A1+	Jet A-1, Kerosene with FS-II*, FP** minus 47° C.		
B	Jet B, Wide-cut, turbine fuel without FS-II*, FP** minus 50° C.		

*(Fuel System Icing Inhibitor)

**(Freeze Point)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

15 OXYGEN—CIVIL

OX 1 High Pressure	OX 3 High Pressure—Replacement Bottles
OX 2 Low Pressure	OX 4 Low Pressure—Replacement Bottles

16 TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. Multiple TPA shall be shown as "TPA—See Remarks" and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

17 AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

US Customs Air and Sea Ports, Inspectors and Agents

Northeast Sector (New England and Atlantic States—ME to MD)

407-975-1740

Southeast Sector (Atlantic States—DC, WV, VA to FL)

407-975-1780

Central Sector (Interior of the US, including Gulf states—MS, AL, LA)

407-975-1760

Southwest East Sector (OK and eastern TX)

407-975-1840

Southwest West Sector (Western TX, NM and AZ)

407-975-1820

Pacific Sector (WA, OR, CA, HI and AK)

407-975-1800

18 CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

14 CFR PART 139 CERTIFICATED AIRPORTS
AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

14 CFR—PART 139 CERTIFICATED AIRPORTS

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

Airport Index	Required No. Vehicles	Aircraft Length	Scheduled Departures	Agent + Water for Foam
A	1	<90'	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H ₂ O
B	1 or 2	≥90', <126' ----- ≥126', <159'	≥5 ----- <5	Index A + 1500 gal H ₂ O
C	2 or 3	≥126', <159' ----- ≥159', <200'	≥5 ----- <5	Index A + 3000 gal H ₂ O
D	3	≥159', <200' ----- >200'	<5	Index A + 4000 gal H ₂ O
E	3	≥200'	≥5	Index A + 6000 gal H ₂ O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H₂O—Water; DC—Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non-air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

19 NOTAM SERVICE

All public use landing areas are provided NOTAM "D" (distant dissemination) and NOTAM "L" (local dissemination) service. Airport NOTAM file identifier is shown for individual airports, e.g. "NOTAM FILE IAD". See AIM, Basic Flight Information and

ATC Procedures for detailed description of NOTAM's. Current NOTAMS are available from Flight Service Stations at 1-800-WX-BRIEF. Real time Military NOTAMS are available using the DoD Internet NOTAM Distribution System (DINS) www.notams.jcs.mil.

20 FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

21 RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea-lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as STOL, Ultralight, or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND LENGTH

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt-concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat	(GRVL)—Gravel, or cinders	(PSP)—Pierced steel plank
(ASPH)—Asphalt	(MATS)—Pierced steel planking, landing mats, membranes	(RFSC)—Rubberized friction seal coat
(CONC)—Concrete	(PEM)—Part concrete, part asphalt	(TURF)—Turf
(DIRT)—Dirt	(PFC)—Porous friction courses	(TRTD)—Treated
(GRVD)—Grooved		(WC)—Wire combed

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBTT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340-600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five-part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

- (1) The PCN NUMBER—The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to any limitation on the tire pressure.
- (2) The type of pavement:
 - R — Rigid
 - F — Flexible
- (3) The pavement subgrade category:
 - A — High
 - B — Medium
 - C — Low
 - D — Ultra-low
- (4) The maximum tire pressure authorized for the pavement:
 - W — High, no limit
 - X — Medium, limited to 217 psi
 - Y — Low, limited to 145 psi
 - Z — Very low, limited to 73 psi
- (5) Pavement evaluation method:
 - T — Technical evaluation
 - U — By experience of aircraft using the pavement

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L-800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.

LIRL—Low Intensity Runway Lights.

MIRL—Medium Intensity Runway Lights.

HIRL—High Intensity Runway Lights.

RAIL—Runway Alignment Indicator Lights.

REIL—Runway End Identifier Lights.

CL—Centerline Lights.

TDZL—Touchdown Zone Lights.

ODALS—Omni Directional Approach Lighting System.

AF OVRN—Air Force Overrun 1000' Standard Approach Lighting System.

LDIN—Lead-In Lighting System.

MALS—Medium Intensity Approach Lighting System.

MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.

MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.

SALS—Short Approach Lighting System.

SALSF—Short Approach Lighting System with Sequenced Flashing Lights.

SSALS—Simplified Short Approach Lighting System.

SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.

SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.

ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.

ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.

ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.

SF—Sequenced Flashing Lights.

OLS—Optical Landing System.

WAVE—OFF.

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the "Remarks" portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint civil/military airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.

PNIL APAP on left side of runway

PNIR APAP on right side of runway

PAPI—Precision Approach Path Indicator

P2L 2-identical light units placed on left side of runway

P4L 4-identical light units placed on left side of runway

P2R 2-identical light units placed on right side of runway

P4R 4-identical light units placed on right side of runway

PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.

PSIL PVASI on left side of runway

PSIR PVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L 2-box SAVASI on left side of runway

S2R 2-box SAVASI on right side of runway

TRCV—Tri-color visual approach slope indicator, normally a single light unit projecting three colors.

TRIL TRCV on left side of runway

TRIR TRCV on right side of runway

VASI—Visual Approach Slope Indicator

V2L 2-box VASI on left side of runway

V6L 6-box VASI on left side of runway

V2R 2-box VASI on right side of runway

V6R 6-box VASI on right side of runway

V4L 4-box VASI on left side of runway

V12 12-box VASI on both sides of runway

V4R 4-box VASI on right side of runway

V16 16-box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., -GA 3.5° TCH 37'.

PILOT CONTROL OF AIRPORT LIGHTING

Key Mike	Function
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-Off)

Available systems will be indicated in the airport or military remarks, e.g., ACTIVATE HIRL Rwy 07–25, MALSR Rwy 07, and VASI Rwy 07—122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, "Basic Flight Information and ATC Procedures," for detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will only be provided for those airports with an approved FAA instrument approach procedure. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 21: Pole. Rgt tfc. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. "Rgt tfc"—Right traffic indicates right turns should be made on landing and takeoff for specified runway end.

LAND AND HOLD SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold-short operations and markings.

RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take-off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take-off.

TODA—Take-off Distance Available. The length of the take-off run available plus the length of the clearway, if provided.

ASDA—Accelerate-Stop Distance Available. The length of the take-off run available plus the length of the stopway, if provided.

LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

22 ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a-gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A-Gear which has a bi-direction capability and can be utilized for emergency approach end engagement is indicated by a (B). The direction of engaging device is indicated by an arrow. Up to 15 minutes advance notice may be required for rigging A-Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI-DIRECTIONAL CABLE (B)

<u>TYPE</u>	<u>DESCRIPTION</u>
BAK-9	Rotary friction brake.
BAK-12A	Standard BAK-12 with 950 foot run out, 1-inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK-12B	Extended BAK-12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

BAK-14	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)
H	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one-half seconds to fully raise the cable.)

UNI-DIRECTIONAL CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>
MB60	Textile brake—an emergency one-time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5-1/E5-3	Chain Type. At USN/USMC stations E-5 A-GEAR systems are rated, e.g., E-5 RATING-13R-1100 HW (DRY), 31L/R-1200 STD (WET). This rating is a function of the A-GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Military Service.

FOREIGN CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>	<u>US EQUIVALENT</u>
44B-3H	Rotary Hydraulic (Water Brake)	
CHAG	Chain	E-5

UNI-DIRECTIONAL BARRIER

<u>TYPE</u>	<u>DESCRIPTION</u>
MA-1A	Web barrier between stanchions attached to a chain energy absorber.
BAK-15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK-15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

<u>TYPE</u>	<u>DESCRIPTION</u>
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

23 MILITARY SERVICE

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

24 JET AIRCRAFT STARTING UNITS (JASU)

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non-availability.

The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to T.O. 35-1-7.)

ELECTRICAL STARTING UNITS:

A/M32A-86	AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack)
MC-1A	AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw
MD-3	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD-3A	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD-3M	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw

MD-4	AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire
AIR STARTING UNITS	
AM32-95	150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- 2 psia
AM32A-95	150 +/- 5 lb/min @ 49 +/- 2 psia (35 +/- 2 psig)
LASS	150 +/- 5 lb/min @ 49 +/- 2 psia
MA-1A	82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC-1	15 cfm, 3500 psia
MC-1A	15 cfm, 3500 psia
MC-2A	15 cfm, 200 psia
MC-11	8,000 cu in cap, 4000 psig, 15 cfm
COMBINED AIR AND ELECTRICAL STARTING UNITS:	
AGPU	AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level
AM32A-60*	AIR: 120 +/- 4 lb/min (1644 +/- 55 cfm) at 49 +/- 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw
AM32A-60A	AIR: 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
AM32A-60B*	AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.	
USN JASU	
ELECTRICAL STARTING UNITS:	
NC-8A/A1	DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC-10A/A1/B/C	DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz.
AIR STARTING UNITS:	
GTC-85/GTE-85	120 lbs/min @ 45 psi.
MSU-200NAV/A/U47A-5	204 lbs/min @ 56 psia.
WELLS AIR START SYSTEM	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.
COMBINED AIR AND ELECTRICAL STARTING UNITS:	
NCPP-105/RCPT	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.
JASU (ARMY)	
59B2-1B	28v, 7.5 kw, 280 amp.
OTHER JASU	
ELECTRICAL STARTING UNITS (DND):	
CE12	AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13	AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14	AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15	DC 22-35v, 500 amp continuous 1100 amp intermittent
CE16	DC 22-35v, 500 amp continuous 1100 amp intermittent soft start
AIR STARTING UNITS (DND):	
CA2	ASA 45.5 psig, 116.4 lb/min
COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)	
CEA1	AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig
ELECTRICAL STARTING UNITS (OTHER)	
C-26	28v 45kw 115-200v 15kw 380-800 Hz 1 phase 2 wire
C-26-B, C-26-C	28v 45kw: Split Bus: 115-200v 15kw 380-800 Hz 1 phase 2 wire
E3	DC 28v/10kw
AIR STARTING UNITS (OTHER):	
A4	40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA-1	150 Air HP, 115 lb/min 50 psia
MA-2	250 Air HP, 150 lb/min 75 psia
CARTRIDGE:	
MXU-4A	USAF

(25) FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into-Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into-Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into-Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into-Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into-Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at www.desc.dla.mil/Static/ProductsAndServices.asp; click on the Commercial Airports button.

See legend item 14 for fuel code and description.

(26) SUPPORTING FLUIDS AND SYSTEMS—MILITARY**CODE**

ADI	Anti-Detonation Injection Fluid—Reciprocating Engine Aircraft.
W	Water Thrust Augmentation—Jet Aircraft.
WAI	Water-Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP	Single Point Refueling.
PRESAIR	Air Compressors rated 3,000 PSI or more.
De-Ice	Anti-icing/De-icing/Defrosting Fluid (MIL-A-8243).

OXYGEN:

LPOX	Low pressure oxygen servicing.
HPOX	High pressure oxygen servicing.
LHOX	Low and high pressure oxygen servicing.
LOX	Liquid oxygen servicing.
ORXB	Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)
OX	Indicates oxygen servicing when type of servicing is unknown.

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

LHOXRB	Low and high pressure oxygen servicing and replacement bottles;
LPOXRB	Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

LPNIT	Low pressure nitrogen servicing.
HPNIT	High pressure nitrogen servicing.
LHNIT	Low and high pressure nitrogen servicing.

(27) OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE**GRADE, TYPE**

0-113	1065, Reciprocating Engine Oil (MIL-L-6082)
0-117	1100, Reciprocating Engine Oil (MIL-L-6082)
0-117+	1100, 0-117 plus cyclohexanone (MIL-L-6082)
0-123	1065, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type III)
0-128	1100, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type II)
0-132	1005, Jet Engine Oil (MIL-L-6081)
0-133	1010, Jet Engine Oil (MIL-L-6081)
0-147	None, MIL-L-6085A Lubricating Oil, Instrument, Synthetic
0-148	None, MIL-L-7808 (Synthetic Base) Turbine Engine Oil
0-149	None, Aircraft Turbine Engine Synthetic, 7.5c St
0-155	None, MIL-L-6086C, Aircraft, Medium Grade
0-156	None, MIL-L-23699 (Synthetic Base), Turboprop and Turboshaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

(28) TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn-around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN-AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military

aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

29 AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note "See Special Notices" shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional information.

Landing Fee indicates landing charges for private or non-revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

30 MILITARY REMARKS

Military Remarks published at a joint Civil/Military facility are remarks that are applicable to the Military. At Military Facilities all remarks will be published under the heading Military Remarks. Remarks contained in this section may not be applicable to civil users. The first group of remarks is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non-operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non-US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11-204, AR 95-27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on board are designated Code 6 or higher as explained in AFJMAN 11-213, AR 95-11, OPNAVINST 3722-8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

31 WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS-3 plus precipitation identification and intensity, and freezing rain occurrence (future enhancement).

AWOS—Automated Weather Observing System

AWOS-A—reports altimeter setting (all other information is advisory only).

AWOS-1—reports altimeter setting, wind data and usually temperature, dewpoint and density altitude.

AWOS-2—reports the same as AWOS-1 plus visibility.

AWOS-3—reports the same as AWOS-1 plus visibility and cloud/ceiling data.

See AIM, Basic Flight Information and ATC Procedures for detailed description of AWOS.

HIWAS—See RADIO AIDS TO NAVIGATION

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers. SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS, AWOS, or HIWAS followed by the frequency, identifier and phone number, if available.

32 COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in descending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Automatic Terminal Information Service (ATIS) and Aeronautical Advisory Stations (UNICOM) or (AUNICOM) along with their frequency is shown, where available, on the line following the heading "COMMUNICATIONS." When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1-800-WX-BRIEF (1-800-992-7433). When the FSS is located on the field it will be indicated as "on aprt". Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available.

FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non-tower airports or airports where the tower is not in operation. (See AIM, Para 4-1-9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90-42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies—Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive-only on 122.1.

- a. 122.0 is assigned as the Enroute Flight Advisory Service frequency at selected FSS RADIO outlets.
- b. 122.2 is assigned as a common enroute frequency.
- c. 123.6 is assigned as the airport advisory frequency at select non-tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.
- d. 122.1 is the primary receive-only frequency at VOR's.
- e. Some FSS's are assigned 50 kHz frequencies in the 122-126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remote facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter "T" or "R", indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non-control information in selected terminal areas.

D-ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non-government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol **Ⓡ** indicates radar approach control.


TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four "key clicks" on the

VHF radio to contact the appropriate ATC facility or six "key clicks" to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol  indicates radar departure control.

CLNC DEL—Clearance Delivery.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non-Radar Approach Control.

Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot-to-Metro Service call sign, frequency and hours of operation, when full service is other than continuous.

PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as "Wx obsn svc 1900-0000Z+" or "other times" may be used when no specific time is given. PMSV facilities manned by forecasters are considered "Full Service". PMSV facilities manned by weather observers are listed as "Limited Service".

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter "X" indicate frequency available on request.

AIRSPACE

Information concerning Class B, C, and part-time D and E surface area airspace shall be published with effective times.

Class D and E surface area airspace that is continuous as established by Rulemaking Docket will not be shown.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D). Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part-time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:

AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS E:

or

AIRSPACE: CLASS D svc "times" other times CLASS E.

When a part-time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700' or 1200' AGL. This will be formatted as:

AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS G, with CLASS E 700' (or 1200') AGL & abv:

or

AIRSPACE: CLASS D svc "times" other times CLASS G with CLASS E 700' (or 1200') AGL & abv:

or

AIRSPACE: CLASS E svc "times" other times CLASS G with CLASS E 700' (or 1200') AGL & abv.

NOTE: AIRSPACE SVC "TIMES" INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part-time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part-time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.

Class E 700' AGL (shown as magenta vignette on sectional charts) and 1200' AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700'/1200' AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

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The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB _____	Automatic Weather Broadcast.
DF _____	Direction Finding Service.
DME _____	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y) _____	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME.
GS _____	Glide slope.
H _____	Non-directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH _____	Non-directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H-SAB _____	Non-directional radio beacons providing automatic transcribed weather service.
ILS _____	Instrument Landing System (voice, where available, on localizer channel).
IM _____	Inner marker.
ISMLS _____	Interim Standard Microwave Landing System.
LDA _____	Localizer Directional Aid.
LMM _____	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM _____	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH _____	Non-directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MLS _____	Microwave Landing System.
MM _____	Middle marker.
OM _____	Outer marker.
S _____	Simultaneous range homing signal and/or voice.
SABH _____	Non-directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF _____	Simplified Direction Facility.
TACAN _____	UHF navigational facility-omnidirectional course and distance information.
VOR _____	VHF navigational facility-omnidirectional course only.
VOR/DME _____	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC _____	Collocated VOR and TACAN navigational facilities.
W _____	Without voice on radio facility frequency.
Z _____	VHF station location marker at a LF radio facility.

ILS FACILITY PERFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance
Classification Code

FREQUENCY PAIRING PLAN AND MLS CHANNELING

MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL	MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL	MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL
500	108.10	18X	568	109.45	31Y	636	114.15	88Y
502	108.30	20X	570	109.55	32Y	638	114.25	89Y
504	108.50	22X	572	109.65	33Y	640	114.35	90Y
506	108.70	24X	574	109.75	34Y	642	114.45	91Y
508	108.90	26X	576	109.85	35Y	644	114.55	92Y
510	109.10	28X	578	109.95	36Y	646	114.65	93Y
512	109.30	30X	580	110.05	37Y	648	114.75	94Y
514	109.50	32X	582	110.15	38Y	650	114.85	95Y
516	109.70	34X	584	110.25	39Y	652	114.95	96Y
518	109.90	36X	586	110.35	40Y	654	115.05	97Y
520	110.10	38X	588	110.45	41Y	656	115.15	98Y
522	110.30	40X	590	110.55	42Y	658	115.25	99Y
524	110.50	42X	592	110.65	43Y	660	115.35	100Y
526	110.70	44X	594	110.75	44Y	662	115.45	101Y
528	110.90	46X	596	110.85	45Y	664	115.55	102Y
530	111.10	48X	598	110.95	46Y	666	115.65	103Y
532	111.30	50X	600	111.05	47Y	668	115.75	104Y
534	111.50	52X	602	111.15	48Y	670	115.85	105Y
536	111.70	54X	604	111.25	49Y	672	115.95	106Y
538	111.90	56X	606	111.35	50Y	674	116.05	107Y
540	108.05	17Y	608	111.45	51Y	676	116.15	108Y
542	108.15	18Y	610	111.55	52Y	678	116.25	109Y
544	108.25	19Y	612	111.65	53Y	680	116.35	110Y
546	108.35	20Y	614	111.75	54Y	682	116.45	111Y
548	108.45	21Y	616	111.85	55Y	684	116.55	112Y
550	108.55	22Y	618	111.95	56Y	686	116.65	113Y
552	108.65	23Y	620	113.35	80Y	688	116.75	114Y
554	108.75	24Y	622	113.45	81Y	690	116.85	115Y
556	108.85	25Y	624	113.55	82Y	692	116.95	116Y
558	108.95	26Y	626	113.65	83Y	694	117.05	117Y
560	109.05	27Y	628	113.75	84Y	696	117.15	118Y
562	109.15	28Y	630	113.85	85Y	698	117.25	119Y
564	109.25	29Y	632	113.95	86Y			
566	109.35	30Y	634	114.05	87Y			

FREQUENCY PAIRING PLAN AND MLS CHANNELING

The following is a list of paired VOR/ILS VHF frequencies with TACAN channels and MLS channels.

TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL
2X	134.5	-	19Y	108.25	544	25X	108.80	-
2Y	134.55	-	20X	108.30	502	25Y	108.85	556
11X	135.4	-	20Y	108.35	546	26X	108.90	508
11Y	135.45	-	21X	108.40	-	26Y	108.95	558
12X	135.5	-	21Y	108.45	548	27X	109.00	-
12Y	135.55	-	22X	108.50	504	27Y	109.05	560
17X	108.00	-	22Y	108.55	550	28X	109.10	510
17Y	108.05	540	23X	108.60	-	28Y	109.15	562
18X	108.10	500	23Y	108.65	552	29X	109.20	-
18Y	108.15	542	24X	108.70	506	29Y	109.25	564
19X	108.20	-	24Y	108.75	554	30X	109.30	512

TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL
30Y	109.35	566	63X	133.60	-	95Y	114.85	650
31X	109.40	-	63Y	133.65	-	96X	114.90	-
31Y	109.45	568	64X	133.70	-	96Y	114.95	652
32X	109.50	514	64Y	133.75	-	97X	115.00	-
32Y	109.55	570	65X	133.80	-	97Y	115.05	654
33X	109.60	-	65Y	133.85	-	98X	115.10	-
33Y	109.65	572	66X	133.90	-	98Y	115.15	656
34X	109.70	516	66Y	133.95	-	99X	115.20	-
34Y	109.75	574	67X	134.00	-	99Y	115.25	658
35X	109.80	-	67Y	134.05	-	100X	115.30	-
35Y	109.85	576	68X	134.10	-	100Y	115.35	660
36X	109.90	518	68Y	134.15	-	101X	115.40	-
36Y	109.95	578	69X	134.20	-	101Y	115.45	662
37X	110.00	-	69Y	134.25	-	102X	115.50	-
37Y	110.05	580	70X	112.30	-	102Y	115.55	664
38X	110.10	520	70Y	112.35	-	103X	115.60	-
38Y	110.15	582	71X	112.40	-	103Y	115.65	666
39X	110.20	-	71Y	112.45	-	104X	115.70	-
39Y	110.25	584	72X	112.50	-	104Y	115.75	668
40X	110.30	522	72Y	112.55	-	105X	115.80	-
40Y	110.35	586	73X	112.60	-	105Y	115.85	670
41X	110.40	-	73Y	112.65	-	106X	115.90	-
41Y	110.45	588	74X	112.70	-	106Y	115.95	672
42X	110.50	524	74Y	112.75	-	107X	116.00	-
42Y	110.55	590	75X	112.80	-	107Y	116.05	674
43X	110.60	-	75Y	112.85	-	108X	116.10	-
43Y	110.65	592	76X	112.90	-	108Y	116.15	676
44X	110.70	526	76Y	112.95	-	109X	116.20	-
44Y	110.75	594	77X	113.00	-	109Y	116.25	678
45X	110.80	-	77Y	113.05	-	110X	116.30	-
45Y	110.85	596	78X	113.10	-	110Y	116.35	680
46X	110.90	528	78Y	113.15	-	111X	116.40	-
46Y	110.95	598	79X	113.20	-	111Y	116.45	682
47X	111.00	-	79Y	113.25	-	112X	116.50	-
47Y	111.05	600	80X	113.30	-	112Y	116.55	684
48X	111.10	530	80Y	113.35	620	113X	116.60	-
48Y	111.15	602	81X	113.40	-	113Y	116.65	686
49X	111.20	-	81Y	113.45	622	114X	116.70	-
49Y	111.25	604	82X	113.50	-	114Y	116.75	688
50X	111.30	532	82Y	113.55	624	115X	116.80	-
50Y	111.35	606	83X	113.60	-	115Y	116.85	690
51X	111.40	-	83Y	113.65	626	116X	116.90	-
51Y	111.45	608	84X	113.70	-	116Y	116.95	692
52X	111.50	534	84Y	113.75	628	117X	117.00	-
52Y	111.55	610	85X	113.80	-	117Y	117.05	694
53X	111.60	-	85Y	113.85	630	118X	117.10	-
53Y	111.65	612	86X	113.90	-	118Y	117.15	696
54X	111.70	536	86Y	113.95	632	119X	117.20	-
54Y	111.75	614	87X	114.00	-	119Y	117.25	698
55X	111.80	-	87Y	114.05	634	120X	117.30	-
55Y	111.85	616	88X	114.10	-	120Y	117.35	-
56X	111.90	538	88Y	114.15	636	121X	117.40	-
56Y	111.95	618	89X	114.20	-	121Y	117.45	-
57X	112.00	-	89Y	114.25	638	122X	117.50	-
57Y	112.05	-	90X	114.30	-	122Y	117.55	-
58X	112.10	-	90Y	114.35	640	123X	117.60	-
58Y	112.15	-	91X	114.40	-	123Y	117.65	-
59X	112.20	-	91Y	114.45	642	124X	117.70	-
59Y	112.25	-	92X	114.50	-	124Y	117.75	-
60X	133.30	-	92Y	114.55	644	125X	117.80	-
60Y	133.35	-	93X	114.60	-	125Y	117.85	-
61X	133.40	-	93Y	114.65	646	126X	117.90	-
61Y	133.45	-	94X	114.70	-	126Y	117.95	-
62X	133.50	-	94Y	114.75	648			
62Y	133.55	-	95X	114.80	-			

(35) COMM/NAV/WEATHER REMARKS:

These remarks consist of pertinent information affecting the current status of communications, NAVAIDs and weather.

BRADLEY INTL (See WINDSOR LOCKS)**BRIDGEPORT** N41°09.64' W73°07.47' NOTAM FILE BDR.**NEW YORK**

(L) VOR/DME 108.8 BDR Chan 25 at Igor I Sikorsky Mem. 9/12W.

H-101, L-33B, 341

VOR/DME unusable:

106°-120° byd 30 NM blo 2500'

121°-130° byd 30 NM blo 2200'

161°-180° byd 30 NM blo 1300'

181°-260° byd 30 NM blo 2500'

261°-359° byd 30 NM

261°-359° below 5500'

000°-105° byd 30 NM blo 3000'

RC0 122.1R 108.8T (BRIDGEPORT RADIO)

BRIDGEPORT**IGOR I SIKORSKY MEM** (BDR) 3 SE UTC-5(-4DT) N41°09.81' W73°07.57'**NEW YORK**

9 B S4 FUEL 100LL, JET A OX 3, 4 TPA-See Remarks LRA Class IV, ARFF Index A

COPTER

NOTAM FILE BDR

L-33B, 341

RWY 11-29: H4761X150 (ASPH) S-30, D-108, ST-137 HIRL

IAP, AD

RWY 11: REIL. PAPI(P4R)—GA 3.5° TCH 40'. Brush.

RWY 29: REIL. VASI(V4L)—GA 3.0°. Thld dsplcd 364'. Road. Rgt tfc.

RWY 06-24: H4677X150 (ASPH) S-30, D-106, ST-135 HIRL

RWY 06: REIL. PAPI (P4R)—GA 3.0° TCH 53'. Road.

RWY 24: REIL. VASI(V4L)—GA 3.0°. Thld dsplcd 319'. Road.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	11-29	3700
RWY 11	06-24	3350

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 06:	TORA-4677	TODA-4677	ASDA-4677	LDA-4677
RWY 11:	TORA-4761	TODA-4761	ASDA-4761	LDA-4761
RWY 24:	TORA-4677	TODA-4677	ASDA-4677	LDA-4358
RWY 29:	TORA-4761	TODA-4761	ASDA-4761	LDA-4397

AIRPORT REMARKS: Attended 1130-0300Z†. Birds and wildlife

frequently on and invof arpt. Rwy 06-24 has extensive cracking, spalling, ravelling. PAEW adjacent to all operational surfaces dalgt hrs Apr through Oct. There may be standing water over or adjacent to all surfaces. Uneven surfaces left side of Rwy 29. Extensive helicopter ops sfc-10,000 ft 5-15 miles NW-NE, for tfc information when invof arpt ctc Sikorsky ops on 133.6 (1200-2130Z†). Touch and go ldgs permitted 1200-0200Z†. Noise abatement procedures in effect 0200-1200Z†. Rwy 11-29 CLOSED to unscheduled air carrier ops with more than 30 passenger seats except 24 hrs PPR call arpt mgr 203-576-7497. Rwy 06-24 CLOSED to all air carrier ops. Avoid overflying residential areas NE and SE of arpt. Departing Rwy 24 avoid turns until ½ mile byd shoreline. Acft which exceed 82 decibels 0300-1200Z† require 12 hr PPR call 203-576-7497 except military emerg and medical acft. TPA-1009(1000) for single engine, 1509(1500) all others. When winds are less than 5 knots requested use of Rwy 11 or Rwy 29. When the twr is clsd all engine runups are prohibited. However, if an acft requires nighttime engine maintenance, PPR from arpt manager is required and the runups are to be performed on Twy G between Twy J and Twy K. Pilots are advised to use care in positioning their acft to prevent damage from prop wash to afld sign. ACTIVATE HIRL Rwys 11-29 and 06-24; REIL Rwys 06, 24, 11 and 29—CTAF. Parking fee all acft after 2 hrs. Ldg fee all acft except solo students. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (203) 381-9453.**COMMUNICATIONS:** CTAF 120.9 ATIS 119.15 UNICOM 123.0

BRIDGEPORT RC0 122.2 122.1R 108.8T (BRIDGEPORT RADIO)

® NEW YORK APP/DEP CON 124.075

BRIDGEPORT TOWER 120.9 (1130-0300Z†) GND CON 121.9 CLNC DEL 121.75

AIRSPACE: CLASS D svc 1130-0300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

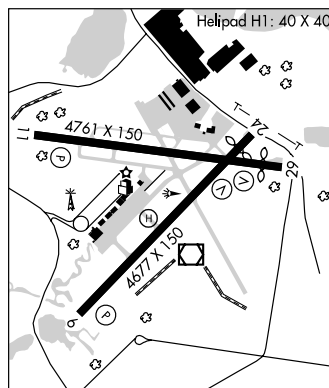
BRIDGEPORT (L) VOR/DME 108.8 BDR Chan 25 N41°09.64' W73°07.47' at fld. 9/12W.

ILS/DME 110.7 I-BDR Chan 44 Rwy 06. ILS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H40X40 (ASPH)

HELIPORT REMARKS: Helipad H1 building +56 ft approximately 666 ft SW.

**CANDLELIGHT FARMS** (See NEW MILFORD)

CANDLELIGHT HELIPORT (See NEW MILFORD)**CHESTER** (SNC) 3 SW UTC-5(-4DT) N41°23.03' W72°30.35'**NEW YORK**

416 B S4 FUEL 100LL, JET A NOTAM FILE SNC

L-33C, 341

RWY 17-35: H2566X50 (ASPH) S-8.5 MIRL (NSTD) 0.5% up S

IAP

RWY 17: REIL. Thld dsplcd 559'. Trees. RWY 35: REIL. Trees.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z†, Nov-Mar 1300-2300Z†. Rwy 17 dsplcd thld marked but not lgtd; dsplcd thld 5 ft higher than end of rwy. Rotating beacon is clear strobe. Rwy 17-35 NSTD MIRL; no thld lgts.

WEATHER DATA SOURCES: AWOS-3 118.325 (860) 526-1551.**COMMUNICATIONS:** CTAF/UNICOM 122.725

RCO 122.25 (BRIDGEPORT RADIO)

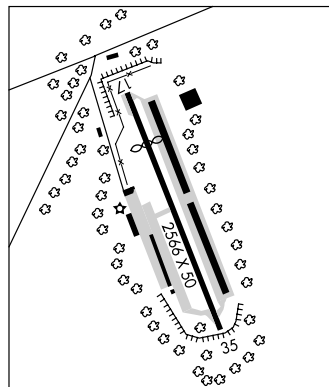
MADISON RCO 122.1R 110.4T (BRIDGEPORT RADIO)

® NEW YORK APP/DEP CON 124.075

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83'

W72°41.53' 076° 9.4 NM to fld. 220/13W.

**CLERA** N41°22.94' W73°06.75' NOTAM FILE BDL.

NOB (MHW) 362 JWE 004° 5.9 NM to Waterbury-Oxford.

DANBURY MUNI (DXR) 3 SW UTC-5(-4DT) N41°22.29' W73°28.93'**NEW YORK**

458 B S4 FUEL 100LL, JET A OX 4 TPA—See Remarks Class IV, ARFF Index A

L-33B, 341

NOTAM FILE DXR

IAP, AD

RWY 08-26: H4422X150 (ASPH-GRVD) S-38, D-70, ST-90 MIRL

RWY 08: REIL. Thld dsplcd 368'. Trees.

RWY 26: REIL. Thld dsplcd 734'. Trees.

RWY 17-35: H3135X100 (ASPH) S-50, D-65, ST-82

RWY 17: Thld dsplcd 223'. Pole.

RWY 35: Thld dsplcd 231'. Trees.

AIRPORT REMARKS: Attended 1200Z†-dusk. 24 hr self-serve fuel avbl. Deer and birds on and in/ovf arpt. Rwy 17-35 CLOSED ngts. Arpt CLOSED to air carrier ops. Prohibited to ultralgt and unregistered acft. Part 121 and 135 ops compute effective rwy lengths. All others be aware remaining rwy length avbl after clearing controlling obstruction. Rws 08 and 26 may be insufficient depending on type acft. Intersection tkfs; stop and go tkfs not authorized. ACTIVATE MIRL Rwy 08-26 and REIL Rws 08 and 26 when twr clsd-119.4. Acft using Rwy 35 not visible from twr descending below 1300 ft on base leg until approaching ½ mi final due to natural terrain. TPA-1701(1243)—Jet acft 2201(1743). Noise abatement procedures in effect ctc arpt manager 203-797-4624. PPR 24 hours for unscheduled air carrier operations with more than 30 passenger seats; call arpt manager 203-797-4624. PPR for formation tkt/lgd; ctc arpt manager. Rotating bcn located one mile S of arpt on top of a hill.

WEATHER DATA SOURCES: ASOS 127.75 (1200-0300Z†) (203) 791-8227. LAWRS.**COMMUNICATIONS:** CTAF 119.4 ATIS 127.75 UNICOM 122.95

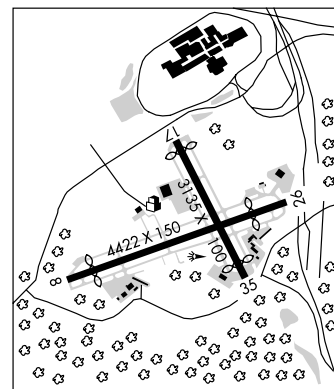
® NEW YORK APP/DEP CON 126.4 CLNC DEL 128.6 (When DXR twr clsd.)

TOWER 119.4 (1200-0300Z†) GND CON 121.6

AIRSPACE: CLASS D svc 1200-0300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.

CARMEL (L) VOR/DME 116.6 CMK Chan 113 N41°16.80' W73°34.88' 051° 7.1 NM to fld. 690/12W.

ILS/DME 111.55 I-DXR Chan 52Y Rwy 08. Localizer only. LOC unmonitored when twr clsd. LOC offset angle 3°. Unusable byd 20° rgt side of course. DME unusable byd 10 NM byd 5° right of course, and 12° left of course.



DANIELSON (LZD) 2 NW UTC-5(-4DT) N41°49.19' W71°54.06'

NEW YORK

238 B S4 FUEL 100LL NOTAM FILE BDR

L-33C, 34J

RWY 13-31: H2700X75 (ASPH) S-29 MIRL

IAP

RWY 13: Tree. RWY 31: REIL. Tree.

AIRPORT REMARKS: Attended Apr-Oct 1300-0000Z†, Nov-Mar

1300-2300Z†. For fuel after hours call 860-933-6121.

Parachute Jumping. Extensive parachute jumping activity SR-SS May thru Sept. Glider activity on and invof arpt. Deer on and invof arpt. Ldgs and tkfs on Rwy 13-31 only; no turf use authorized. ACTIVATE MIRL Rwy 13-31 and REIL Rwy 31—CTAF. Landing fee for business, corporate and revenue producing aircraft.

WEATHER DATA SOURCES: AWOS-3 119.125 (860) 779-7251. LAWRS.

COMMUNICATIONS: CTAF/UNICOM 123.0

PUTNAM RCO 122.1R 117.4T (BRIDGEPORT RADIO)

① PROVIDENCE APP/DEP CON 135.4 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

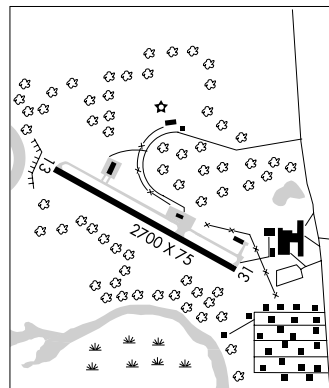
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 211° 8.5 NM to fld. 650/14W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport FSS (BDR)

1-866-293-5149.



EAST HADDAM

GOODSPEED (42B) 1 SE UTC-5(-4DT) N41°26.74' W72°27.34'

NEW YORK

9 NOTAM FILE BDR

RWY 14-32: H2120X50 (ASPH) S-8 LIRL

RWY 14: Trees. RWY 32: Trees.

AIRPORT REMARKS: Attended 1400-2200Z†. Fuel unavailable. Deer occasionally on rwy at ngt. Landing fee. Overnight parking fee.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport FSS (BDR) 1-866-293-5149.

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WATERWAY 16-34: 4500X1000 (WATER)

WATERWAY 16: Bridge.

ELLINGTON (7B9) 2 N UTC-5(-4DT) N41°55.53' W72°27.43'

NEW YORK

253 S4 FUEL 100LL TPA-1253(1000) NOTAM FILE BDR

RWY 01-19: H1800X50 (ASPH) S-9 LIRL (NSTD)

RWY 01: Trees. RWY 19: Trees.

AIRPORT REMARKS: Attended 1300-2300Z†. Parachute Jumping. Extensive helicopter training ops. Rwy 01-19 rgt tfc for helicopters only. Rwy 01-19 NSTD LIRL due to spacing and color variation. NSTD LIRL Rwy 01-19 operates dusk-0500Z†; after 0500Z† for NSTD LIRL Rwy 01-19 call 860-871-2054.

COMMUNICATIONS: CTAF/UNICOM 123.0

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport FSS (BDR) 1-866-293-5149.

GOODSPEED (See EAST HADDAM)

GROTON-NEW LONDON

NEW YORK

H-10I, 12J, L-33C, 34I
IAP. AD

ILS/DME 111.3	I-GON	Chan 50	Rwy 05.	Class IT.	ILS unmonitored when twr clsd.
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NEW YORK

H-10I, 12J, L-33C, 34I

HARTFORD-BRAINARD (HFD) 3 SE UTC-5(-4DT) N41°44.20' W72°38.97'

NEW YORK

18 B S4 FUEL 100LL, JET A TPA-1018(1000) NOTAM FILE HFD

L-33C, 34I

RWY 02-20: H4417X150 (ASPH-GRVD) S-30, D-43, DT-70 HIRL

IAP, AD

RWY 02: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Thld dsplcd 411'.

Trees.

RWY 20: REIL. VASI(V4R)—GA 4.0°. Thld dsplcd 560'. Trees.

RWY 11-29: H2314X71 (ASPH) S-10 HIRL

RWY 11: Trees. RWY 29: Thld dsplcd 265'. Trees.

RWY NE-SW: 2309X150 (TURF)

RWY NE: Trees.

RWY SW: Trees.

AIRPORT REMARKS: Attended Mon-Fri continuously, Sat-Sun

1100-0400Z±. Be alert, (HFD) is located on west side of river.

There is a clsd arpt 1 mile east northeast of (HFD). Turf Rwy

NE-SW CLOSED during winter months from Nov 2 to Apr 30 except

for ski-equipped acft and helicopter training. Arpt CLOSED to air

carrier ops. 20 ft drop off departure end Rwy 20. Birds and deer

on and invof airport. Touch and go ldg and practice instrument

apch prohibited Mon-Sat 0300-1100Z± and Sun 0300-1400Z±.

Arpt located in noise sensitive area and populated areas to S and

W should be avoided, see Brainard twr letters to airmen. Rwy

02-20 grooving 130 ft wide. When twr clsd ACTIVATE HIRL Rwy

02-20 and REIL Rwy 02 and Rwy 20—CTAF. PAPI Rwy 02 and

VASI Rwy 20 on 24 hrs. Ldg fee for business, corporate and revenue producing acft.

WEATHER DATA SOURCES: ASOS (860) 527-5837 HIWAS 114.9 HFD. LAWRS.

COMMUNICATIONS: CTAF 119.6 ATIS 126.45 (860) 246-5929 UNICOM 122.95

Ⓐ BRADLEY APP/DEP CON 127.8 CLNC DEL 121.6

BRAINARD TOWER 119.6 (1100-0500Z±) GND CON 121.6

AIRSPACE: CLASS D svc 1100-0500Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

(L) VORW/DME 114.9 HFD Chan 96 N41°38.47' W72°32.85' 334° 7.3 NM to fld. 849/13W. HIWAS.

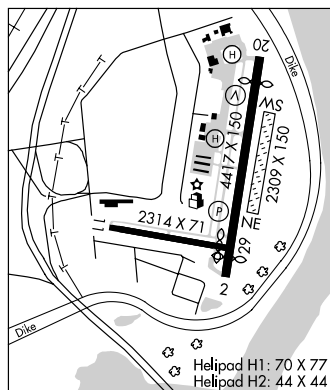
LOMIS NDB (MHW) 244 HF N41°38.13' W72°37.54' 005° 6.2 NM to fld. NDB unmonitored when twr clsd.

LDA 109.7 I-HFD Rwy 02. LDA unmonitored when twr clsd.

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HELIPAD H1: H70X77 (ASPH) MIRL

HELIPAD H2: H44X44 (ASPH)

HELIPORT REMARKS: Helipad H1 hanger (26 ft high at 290° west) 234 ft from helipad.



IGOR I SIKORSKY MEM (See BRIDGEPORT)

LOMIS N41°38.13' W72°37.54' NOTAM FILE HFD.

NEW YORK

NDB (MHW) 244 HF 005° 6.2 NM to Hartford-Brainard. NDB unmonitored when twr clsd.

L-33C, 34I

MADISON N41°18.83' W72°41.53' NOTAM FILE BDR.

NEW YORK

(L) VOR/DME 110.4 MAD Chan 41 264° 9.3 NM to Tweed-New Haven. 220/13W

H-10I, L-33C, 34I

DME portion unusable 330°-060° byd 30 NM blo 4000'.

RCV 122.1R 110.4T (BRIDGEPORT RADIO)

MARLBOROUGH

SALMON RIVER AIRFIELD (9B8) 3 S UTC-5(-4DT) N41°35.37' W72°26.54'

NEW YORK

540 NOTAM FILE BDR

RWY 17-35: 2000X60 (TURF)

RWY 17: Trees. Rgt tfc.

RWY 35: Trees.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED SS-SR. Arpt CLOSED Dec 15-Apr 30.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1-866-293-5149.

MERIDEN MARKHAM MUNI (MMK) 3 SW UTC-5(-4DT) N41°30.52' W72°49.77'

NEW YORK

103 B S4 FUEL 100LL TPA—See Remarks NOTAM FILE MMK

L-338, 341

RWY 18-36: H3100X75 (ASPH) S-30 MIRL

IAP

RWY 18: Tree.

RWY 36: REIL. PAPI(P4L)—GA 3.5° TCH 40'. P-lines.

AIRPORT REMARKS: Attended 1300Z†-dusk. Crane 150 ft AGL ¼ mile NW apch end Rwy 18 dalgt hours intermittent. Crane(s) ¼ mile NW arpt-Saturdays. PPR for jet. Rwy 36 no touch and go ldg.

ACTIVATE MIRL Rwy 18-36 and REIL Rwy 36—CTAF. TPA for fixed wing acft 1103 (1000); TPA for helicopters 603 (500).

WEATHER DATA SOURCES: ASOS 134.925 (203) 639-9405.

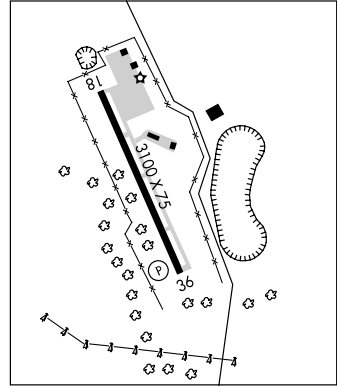
COMMUNICATIONS: CTAF/UNICOM 123.05

® **BRADLEY APP/DEP CON** 127.8 **CLNC DEL** 120.65

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VOR/DME 110.4 **MAD** Chan 41 N41°18.83'

W72°41.53' 345° 13.2 NM to fld. 220/13W.



NEW HAVEN N41°15.74' W72°53.11' NOTAM FILE HVN.

NEW YORK

(T) **VOR/DME** 109.8 **HVN** Chan 35 at Tweed-New Haven. 6/13W.

L-338, 341

VOR/DME unusable 070°-120° blo 6000'; 120°-070° byd 18 NM blo 2700'.

RCO 122.1R 109.8T (BRIDGEPORT RADIO)

NEW HAVEN**TWEED-NEW HAVEN** (HVN) 3 SE UTC-5(-4DT) N41°15.83' W72°53.21'**NEW YORK**

12 B S4 FUEL 100LL, JET A OX 1, 3 TPA—See Remarks LRA

H-101, 121, L-33B, 341

Class I, ARFF Index A NOTAM FILE HVN

IAP, AD

RWY 02-20: H5600X150 (ASPH-GRVD) S-110, D-160, ST-175 HIRL**RWY 02:** MALSF. PAPI(P4L)—GA 3.0° TCH 50'. Trees.**RWY 20:** VASI(V4L)—GA 4.0° TCH 56'. Thld dsplcd 352'. Trees. 591'**RWY 14-32:** H3626X100 (ASPH) S-30, D-60 MIRL**RWY 14:** Thld dsplcd 361'. Trees.**RWY 32:** PAPI (P4L)—GA 3.5° TCH 50'. Thld dsplcd 300'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION:****RWY 14:** TORA-3630 TODA-3630 ASDA-3392 LDA-3028**RWY 32:** TORA-3630 TODA-3630 ASDA-3630 LDA-3329

AIRPORT REMARKS: Attended 1100-0300Z†. Fuel avbl after hrs 203-467-9555. Rwy 14 CLOSED to jet ops and ngt ldg, Rwy 32 CLOSED to jet departures except by prior permission 203-466-8884. CLOSED to unscheduled air carrier ops with more than 19 passenger seats except PPR call ops 203-466-8844. Touch and go landing permitted 1200-0300Z† Mon-Sat; 1300-0300Z† Sun. CLOSED to acft over 78 decibels 1200-0300Z†; 73 decibels 0300-0500Z† and 1100-1200Z†; 68 decibels 0500-1100Z† except military emergency and medical acft; PPR call 203-466-8844 1400-2100Z† Mon-Fri. Noise abatement procedures in effect. Allowed decibels levels are: 68 decibels 0500-1100Z†; 73 decibels 1100-1200Z†; 78 decibels 1200-0300Z†; 73 decibels 0300-0500Z† except military emergency and medical acft. Extensive helicopter ops sfc-10,000 ft within 20 miles NW-N, for tfc information when in vicinity ctc Sikorsky ops on 123.2 1200-2130Z†. Ldg helicopters use Twys A and G intersection. Twy B south of Twy E clsd to air carrier acft in excess of 75,000 lbs gross tkf weight. PAEW adjacent to all operational surfaces dalgt hrs Apr-Oct. Departing Rwy 20, right and left turn made after passing shoreline. TPA for single and light twin engine acft 1011 (999) and 1511 (1499) for all other acft. Avoid close-in base legs and short apchs ldg Rwy 14 and 20. Intersection departures are permitted when twr operational only to acft less than 12,500 lbs gross weight and only at the following intersections: Rwy 20 from Twy F has 4950 ft avbl and Rwy 02 from Twy B has 4750 ft avbl and Rwy 32 at hotel. Wildlife frequently on or in/ovf arpt. No transient parking on N or W ramps. Rwy 02 touchdown runway visual range avbl. Bcn ATC-CTL. When twr clsd ACTIVATE HIRL Rwy 02-20; MALSF Rwy 02; MIRL Rwy 14-32—CTAF. Ldg fee over 5,000 lbs except military and government acft. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (203) 466-6205. LAWRS.**COMMUNICATIONS:** CTAF 124.8 ATIS 133.65 UNICOM 122.95**NEW HAVEN RCO** 122.1R 109.8T (BRIDGEPORT RADIO)**R** **NEW YORK APP/DEP CON** 124.075**NEW HAVEN TOWER** 124.8 (1100-0300Z†) **GND CON** 121.7**AIRSPACE:** CLASS D svc 1100-0300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE HVN.**NEW HAVEN (T) VOR/DME** 109.8 HVN Chan 35 N41°15.74' W72°53.11' at fld. 6/13W.**ILS/DME** 109.1 I-HVN Chan 28 Rwy 02. Class IT. ILS unmonitored when twr clsd. VGSI and ILS glideslope not coincident.**NEW MILFORD****CANDLELIGHT FARMS** (11N) 3 SW UTC-5(-4DT) N41°34.01' W73°27.97'**NEW YORK**

675 NOTAM FILE BDR

RWY 17-35: 2900X50 (TURF)**RWY 17:** Hill.**RWY 35:** Trees.

AIRPORT REMARKS: Attended daylight hours. Arpt CLOSED to helicopters and glider activity. Arpt CLOSED to touch and go ldg. Arpt CLOSED to transient. Experimental acft only by PPR 860-350-3577. Rwy 17-35 panel markers at each rwy end. Ldg fee. Overnight parking by PPR 860-350-3577. Fee for overnight parking.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bridgeport FSS (BDR) 1-866-293-5149.**CANDLELIGHT HELIPORT** (6Y2) 2 W UTC-5(-4DT) N41°34.07' W73°27.64'**NEW YORK**

675 NOTAM FILE BDR

HELIPAD H1: H50X50 (ASPH)

HELIPORT REMARKS: Unattended. Heliport CLOSED except PPR call 860-354-4681. Helipad H1 28 ft building 135 ft east of pad.

COMMUNICATIONS: CTAF 122.9**NORTHFIELD HELIPORT** (See THOMASTON)

NORWICH N41°33.38' W71°59.96' NOTAM FILE BDR.

(L) VOR/DME 110.0 ORW Chan 37 203° 13.7 NM to Groton—New London. 310/14W.

RCO 122.1R 110.0T (BRIDGEPORT RADIO)

NEW YORK

H-101, L-33C, 341

OXFORD

WATERBURY—OXFORD (OXC) 3 N UTC-5(-4DT) N41°28.71' W73°08.12'

NEW YORK

726 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE OXC

H-101, 121, L-33B, 341

RWY 18-36: H5800X100 (ASPH-GRVD) S-50, D-85, ST-107, DT-145 HIRL 0.8% up N IAP, AD

RWY 18: VASI(V4L)—GA 3.0° TCH 56'. Thld displcd 300'. Tree.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 56'. Thld displcd 500'.

P-lines.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 18: TORA-5800 TODA-5800 ASDA-5300 LDA-5000

RWY 36: TORA-5800 TODA-5800 ASDA-5500 LDA-5000

AIRPORT REMARKS: Attended continuously. Deer and birds on and in/ovf arpt. 748' electric transmission towers running NE to SW 0.2 miles north of middle marker. PAEW vicinity Rwy 18-36 safety zone summer only SR-SS (mowing in progress daily). Arpt CLOSED to air carrier ops. Touch and go landings and practice low approaches prohibited between 0400-1200Z. Practice low approach Rwy 36 not allowed when Rwy 18 is active. All sod areas CLOSED. Rwy 36 calm wind rwy. TPA for acft up to 12,500 lbs 1699 (973), acft over 12,500 lbs 2199 (1473). Twy B south of Twy G reflectors only. Twy D reflectors only. ACTIVATE HIRL Rwy 18-36—CTAF. Ldg fee for business, corporate and revenue producing acft.

WEATHER DATA SOURCES: AWOS-3 132.975 (203) 262-1190.

COMMUNICATIONS: CTAF 118.475 ATIS 132.975 (203) 262-1190 UNICOM 122.7

Ⓡ NEW YORK APP/DEP CON 124.075 135.1 CLNC DEL 135.1

TOWER 118.475 (1100-0200Z) GND CON 121.65

CLNC DEL 121.65

AIRSPACE: CLASS D svc 1100-0200Z other times CLASS G.

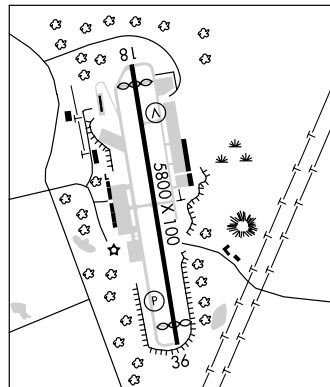
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83' W72°41.53' 309° 22.3 NM to fld. 220/13W.

CLERA NDB (MHW) 362 JWE N41°22.94' W73°06.75' 004° 5.9 NM to fld.

NDB (MHW) 257 TBY N41°31.76' W73°08.63' 187° 3.1 NM to fld. Unusable beyond 10 NM.

ILS/DME 109.55 I-OXC Chan 32 (Y) Rwy 36. Class IIB. ILS unmonitored. LOC unusable byd OM above 5200 and at thld abv 1700 ft.



PLAINVILLE

ROBERTSON FLD (4B8) 2 N UTC-5(-4DT) N41°41.42' W72°51.89'

NEW YORK

200 B S4 FUEL 100LL, JET A OX 1 TPA—See Remarks NOTAM FILE BDR

L-33B, 341

RWY 02-20: H3612X75 (ASPH) S-25 MIRL

RWY 02: REIL. RWY 20: REIL. Trees.

AIRPORT REMARKS: Attended Oct-Apr 1130-0100Z, May-Sep 1230-0100Z. ACTIVATE MIRL Rwy 02-20—CTAF. REIL Rwy 02 and 20 opr when rwy lgts on high intensity. TPA for acft less than 12,500 pounds 1000 (800), for acft 12,500 pounds and above 1500 (1300). Ldg fee for commercial and corporate acft only.

COMMUNICATIONS: CTAF/UNICOM 122.8

BADLEY CLNC DEL 134.5

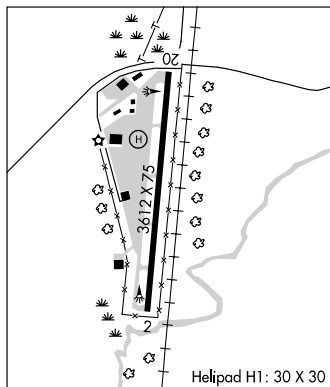
RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

HARTFORD (L) VOR/DME 114.9 HFD Chan 96 N41°38.47'

W72°32.85' 295° 14.6 NM to fld. 849/13W. HIWAS.

• • • • •

HELIPAD H1: H30X30 (ASPH)



Helipad H1: 30 X 30

PUTNAM N41°57.33' W71°50.65' NOTAM FILE BDR. NEW YORK
 (H) VOR/DME 117.4 PUT Chan 121 211° 8.5 NM to Danielson. 650/14W. H-101, 11D, L-33C, 34I
 DME unusable 265°-301° byd 36 NM blo 3000'
 RCO 122.1R 117.4T (BRIDGEPORT RADIO)

PUTNAM

TOUTANT (C44) 6 NW UTC-5(-4DT) N41°57.34' W72°03.26' NEW YORK
 770 NOTAM FILE BDR
 RWY 17-35: H1756X60 (ASPH) RWY LGTS(NSTD)
 RWY 17: Trees. RWY 35: Trees.
AIRPORT REMARKS: Attended irregularly. Rwy 17-35 not plowed winter; no ski ops. NSTD lgting not L-800 series. For
 lgts call 860-974-2099. Be alert for back-taxiing acft on rwy.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clncl del thru Bridgeport FSS (BDR) 1-866-293-5149.

ROBERTSON FLD (See PLAINVILLE)

SALMON RIVER AIRFIELD (See MARLBOROUGH)

SIKORSKY HELIPORT (JSD) 41°14.96' W73°05.81' NEW YORK
AIRSPACE: CLASS D svc Mon-Sat 1300Z±-SS other times CLASS G. L-33B, 34I

SIMSBURY (4B9) 3 NE UTC-5(-4DT) N41°54.97' W72°46.62' NEW YORK
 195 S4 FUEL 100LL NOTAM FILE BDR
 RWY 03-21: H2205X50 (ASPH) S-25 MIRL
 RWY 03: Trees. RWY 21: Thld dsplcd 270'. Road.
AIRPORT REMARKS: Attended 1330-2200Z±. CAUTION—birds frequently on and in/ov arpt, particularly in apch to Rwy
 03. Rwy 03 has an up-hill grade. Rwy 03-21 NSTD thld lgts green/green. ACTIVATE MIRL Rwy 03-21—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
COMM/NAV/WEATHER REMARKS: Clncl del thru Bridgeport FSS (BDR) 1-866-293-5149.

SKYLARK AIRPARK (See WAREHOUSE POINT)

THOMASTON

NORTHFIELD HELIPORT (NØ9) 4 NW UTC-5(-4DT) N41°43.42' W73°06.94' NEW YORK
 903 NOTAM FILE BDR
 HELIPAD H1: 100X100 (TURF)
HELIPORT REMARKS: Unattended. Heliport CLOSED indef. VFR only. Helipad H1 N apch obstructed by 30 ft trees 260 ft
 S of pad; apch ratio 8:1. S apch obstructed by 55 ft trees 500 ft N of pad; apch ratio 9:1.
COMMUNICATIONS: CTAF 122.9

TOUTANT (See PUTNAM)

TWEED-NEW HAVEN (See NEW HAVEN)

WAREHOUSE POINT

SKYLARK AIRPARK (7B6) 2 E UTC-5(-4DT) N41°55.71' W72°34.58' NEW YORK
 120 S4 FUEL 100LL, MOGAS NOTAM FILE BDR L-33C, 34I
 RWY 10-28: H3242X60 (ASPH) S-9 LIRL (NSTD)
 RWY 10: Thld dsplcd 600'. P-line. RWY 28: Thld dsplcd 175'. Trees.
AIRPORT REMARKS: Attended daylight hours. No ngt touch and go landing. Bring tiedown ropes. Rwy 10 surface gravel
 prior to dsplcd thld. Arpt lgts OTS indef. Rwy 10-28 dsplcd thld Rwy 10-28 first 175' east end not lgtd.
 ACTIVATE NSTD LIRL Rwy 10-28—122.8.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BDL.
 BRADLEY (T) VORTACW 109.0 BDL Chan 27 N41°56.46' W72°41.32' 113° 5.1 NM to fld. 160/14W.
COMM/NAV/WEATHER REMARKS: Clncl del thru Bridgeport FSS (BDR) 1-866-293-5149.

WATERBURY (N41) 4 N UTC-5(-4DT) N41°38.01' W73°02.81'

NEW YORK

850 NOTAM FILE BDR

RWY 17-35: 2005X135 (TURF)

RWY 17: Trees. RWY 35: Road.

RWY 02-20: 1600X250 (TURF)

RWY 02: Trees. RWY 20: Trees.

AIRPORT REMARKS: Unattended. Extreme CAUTION Ldg/taxi app end Rwy 35 winter months and after heavy rain, poor drainage.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru Bridgeport FSS (BDR) 1-866-293-5149.**WATERBURY** N41°31.76' W73°08.62' NOTAM FILE BDR.

NEW YORK

NDB (MHW) 257 TBY 187° 3.1 NM to Waterbury-Oxford. Unusable byd 10 NM.

L-33B, 34I

WATERBURY-OXFORD (See OXFORD)**WILLIMANTIC****WINDHAM** (IJD) 3 NE UTC-5(-4DT) N41°44.64' W72°10.81'

NEW YORK

247 B S4 FUEL 100LL, JET A TPA-1247(1000) NOTAM FILE IJD

L-33C, 34J

RWY 09-27: H4278X100 (ASPH) S-30 MIRL

IAP

RWY 09: Thld dspcd 261'. Trees.

RWY 27: REIL. PAPI(P4L). Tree.

RWY 18-36: H2797X75 (ASPH) S-30 0.4% up S

RWY 18: Trees. RWY 36: Thld dspcd 799'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. Birds on and invof arpt. 4 obstruction lgts on surrounding hills OTS indef. ACTIVATE MIRL Rwy 09-27, REIL Rwy 27 and PAPI Rwy 27 opr 24 hrs-CTAF. Ldg fee for business, corporate and revenue producing acft.**WEATHER DATA SOURCES:** ASOS 133.675 (860) 456-8839.**COMMUNICATIONS:** CTAF/UNICOM 122.975

NORWICH RCO 122.1R 110.0T (BRIDGEPORT RADIO)

BOSTON CENTER APP CON 124.85 (0500-1045Z±)

® BRADLEY APP/DEP CON 127.8 BRADLEY CLNC DEL 128.6

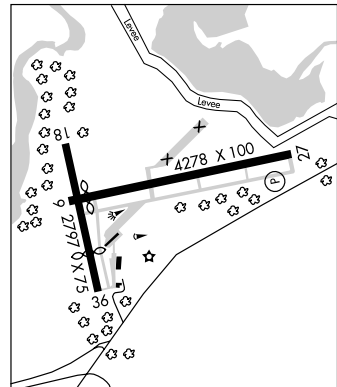
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

NORWICH (L) VOR/DME 110.0 ORW Chan 37

N41°33.38' W71°59.96' 338° 13.9 NM to fld. 310/14W.

ILS/DME 108.35 I-IJD Chan 20Y Rwy 27 (LOC only). DME

unusable byd 12 NM. LOC unusable byd 20° right and left side of course.

**WINDHAM** (See WILLIMANTIC)**WINDSOR LOCKS** N41°56.37' W72°40.49'

NEW YORK

RCO 122.3 (BRIDGEPORT RADIO)

L-33C, 34I

WINDSOR LOCKS**BRADLEY INTL** (BDL) 3 W UTC-5(-4DT) N41°56.33' W72°40.99'

173 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks

LRA Class I, ARFF Index D NOTAM FILE BDL

NEW YORK
H-101, 11D, 121, L-33C, 341
IAP, AD**RWY 06-24:** H9510X200 (ASPH-GRVD) S-200, D-200, ST-175,
DT-350, DDT-710 HIRL CL**RWY 06:** ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. Trees.**RWY 24:** MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. Trees.**RWY 15-33:** H6847X150 (ASPH-GRVD) S-200, D-200, ST-175,
DT-350 HIRL**RWY 15:** REIL. PAPI(P4L)—GA 3.5° TCH 61'. Trees.**RWY 33:** MALSF. PAPI(P4R)—GA 3.0° TCH 72'. Trees.**RWY 01-19:** H4268X100 (ASPH) S-60, D-190, ST-175, DT-328
MIRL**RWY 01:** Thld dsplcd 475'. Acft.**RWY 19:** Trees.**LAND AND HOLD SHORT OPERATIONS**

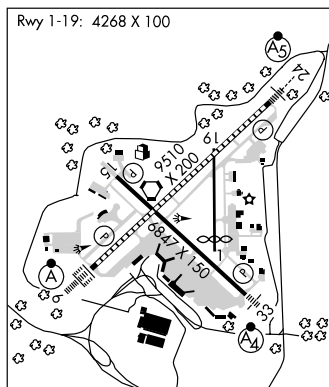
LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	01-19	6000
RWY 24	15-33	5850
RWY 33	06-24	4550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4268	TODA-4268	ASDA-4268	
RWY 06: TORA-9509	TODA-9509	ASDA-9509	LDA-9509
RWY 15: TORA-6847	TODA-6847	ASDA-6847	LDA-6847
RWY 19:			LDA-4268
RWY 24: TORA-9509	TODA-9509	ASDA-9509	LDA-9509
RWY 33: TORA-6847	TODA-6847	ASDA-6847	LDA-6847

AIRPORT REMARKS: Attended continuously. Numerous birds frequently on or in/ovf arpt. No training flights; no practice apchs; no touch and go lds between: Mon-Sat 0400-1200Z† and Sun 0400-1700Z†.

Rwy 01-19 open for acft with wingspan less than 79'. Twy J clsd between S and R to acft with wing spans in excess of 171 ft. ASDE-X Surveillance System in Use. Pilots should operate transponders with Mode C on all twys and rwys. Rwy 33 touchdown RVR avbl. TPA—1873(1700) heavy acft. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (860) 627-9732. WSP.**COMMUNICATIONS:** D-ATIS 118.15 (860-386-3570) UNICOM 122.95**WINDSOR LOCKS RCO 122.3** (BRIDGEPORT RADIO)® **BRADLEY APP CON** 123.95 (176°-240°) 125.35 (241°-060°) 127.8 (061°-175° and HFD area)® **BRADLEY DEP CON** 123.95 (176°-240°) 125.35 (241°-060°) 127.8 (061°-175° and HFD area)**TOWER** 120.3 **GND CON** 121.9 **CLNC DEL** 121.75**AIRSPACE:** CLASS C svc continuous ctc **APP CON****RADIO AIDS TO NAVIGATION:** NOTAM FILE BDL.(T) **VORTACW** 109.0 BDL Chan 27 N41°56.46' W72°41.32' at fld. 160/14W.**ILS/DME** 111.1 I-BDX Chan 48 Rwy 06. Class IIIE.**ILS/DME** 108.55 I-IKX Chan 22(Y) Rwy 33. Class IE.**ILS/DME** 111.1 I-MYQ Chan 48 Rwy 24. Class IT. DME unusable from .4 NM inbound to Rwy 24.**YALESVILLE HELIPORT** (4C3) 2 N UTC-5(-4DT) N41°29.51' W72°48.67'

65 B FUEL 100LL, JET A NOTAM FILE BDR

HELIPAD H1: H65X65 (CONC)**HELIPORT REMARKS:** Attended 1400-2300Z†. Pilots unfamiliar with heliport ctc 203-294-8800 prior to arrival for a briefing on current procedures. ACTIVATE rotating bcn—123.5**COMMUNICATIONS:** CTAF/UNICOM 123.05

CHANDELLE ESTATES (See DOVER)

CHORMAN (See FARMINGTON)

DELAWARE AIRPARK (See DOVER/CHESWOLD)

DELDOT HELISTOP (See DOVER)

DOVER
CHANDELLE ESTATES (ØN4) 3 NE UTC-5(-4DT) N39°12.14' W75°29.13'

WASHINGTON

22 B S4 FUEL 100LL, MOGAS NOTAM FILE MIV

RWY 04-22: H2533X28 (ASPH) LIRL

RWY 04: Thld dsplcd 539'. Trees.

RWY 22: Thld dsplcd 538'. Trees.

AIRPORT REMARKS: Attended continuously. ACTIVATE LIRL Rwy 04-22 and rotating beacon—122.7. Heavy bird activity on and in vicinity of arpt Oct-Feb. Rwy 04 and 22 dsplcd thld marked with white line; dashed white lines leading to displacement have faded. Rwy 22 displacement marked with white lines, dashed white lines leading to dsplcd thld have faded. Rwy 04-22 has vertical; horizontal; and alligator cracking.

COMMUNICATIONS: CTAF/UNICOM 122.8

DELDOT HELISTOP (ØN5) 0 N UTC-5(-4DT) N39°08.97' W75°30.30'

WASHINGTON

30 NOTAM FILE MIV

HELIPAD H1: 60X60 (ASPH) PERIMETER LIGHTS

HELIPORT REMARKS: Attended Mon-Fri 1300-2130Z±. Located ESE Dover. ACTIVATE perimeter lgts—CTAF.

Unmarked/unlgtd 40' P-lines 0.1 mile E. Ingress and egress is NW and SE; Touchdown zone area 60'X60'.

COMMUNICATIONS: CTAF 123.0

DOVER AFB (DOV)(KDOV) AF 3 E UTC-5(-4DT) N39°07.77' W75°27.96' **WASHINGTON**
 28 B TPA-See Remarks AOE Class IV, ARFF Index A NOTAM FILE DOV Not insp. H-101, 121, L-34F, A
RWY 14-32: H12903X150 (PEM) PCN 65 R/D/W/T HIRL **DIAP, AD**
RWY 14: Thld dsplcd 4250'. **RWY 32:** REIL. PAPI(P4L).
RWY 01-19: H9602X200 (PEM) PCN 65 R/D/W/T HIRL CL
RWY 01: ALSF2. TDZL. PAPI(P4L). **RWY 19:** ALSF1. PAPI(P4L).
MILITARY SERVICE: LGT Rwy 01 and Rwy 19 PAPI and ILS glide paths not coincident except for height group 4 acft (A300, B1, B747/767/777, C5, DC10, E4, KC10, VC25). PAPI provides proper TCH for height group 4 acft only.
JASU 3(MA-1A) (M32A-86) (adapters not avbl.) **FUEL J8 FLUID SP PRESAIR LPOX LOX OIL O-133-148**
SOAP TRAN ALERT Opr 24 hours.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Non-DOD civil acft ops 72 hrs PPR by contacting (302) 736-6614. PPR except AMC, Special Air Mission, DoD courier svc, and evacuation mission DSN 445-2861. All acft with hazardous material/rqr remote/isolated parking will ctc 436 airborne pulse search radar Explosive Handling Section DSN 445-2304 1230-2130Z† or ATOC Duty Officer DSN 445-2300 2130-1230Z† for PPR. Base OPS DSN 445-2861/4192, C302-677-2861/4192. All inbound passenger/cargo acft must ctc Comd Post no later than 30 min prior to ldg. Rwy 32 tkf distance avbl 10,070'. AMC acft opr restricted during Bird Watch condition Moderate (tkf or ldg permission only when dep/arr route avoid identified bird activity, no local IFR/VFR tfc pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Base OPS for current Bird Watch condition. No practice apch between 0300-1200Z† (0400-1200Z† during Bird Aircraft Strike Hazard Phase II). ATC will approve 1 apch to full stop ldg only. Acft taxiing out of main ramp using taxi lane between Delta row and spot Echo must use minimum power and in-board engine only (C5 acft should not exceed 40 percent N1 RPM) when turning onto Twy A. **CAUTION** Possible jet wake turbulence in tfc pattern and C5 jet blast during gnd opr. High speed, low alt heavy jet traffic within 10 NM. Five civilian arpt located within 10 NM radius. Special hazard exist for wide body acft taxiing from ramp. Follow me truck rqr for all movements on ramp by non C5 tran acft, tran C5 follow me svc avbl on request. Tree line east of Rwy 19 apch end may cause wind shear during ldg when wind is from southeast. Bird hazard Oct-Apr. Breaking action less than optimum when rwy is wet due to rubber build-up. **TFC PAT** TPA-Rectangular 1804(1776), overhead 2504(2476). Aero Club/Igt acft 1004(976). **NS ABTMT** Strict compliance with procedure rqr. **MISC** First 1000' Rwy 01-19 concrete, middle 7600' asphalt. Twy D edge lgts 40' from twy edge between Rwy 32 hold line and Rwy 01-19. Rwy 32 first 2000', 1000' southeast of Twy C and last 1000' concrete, remainder of rwy asphalt. Rwy 14-32 grooved full length exc at the intersection of Rwy 01-19. First 4250' Rwy 14 and first 1650' Rwy 32 grooved concrete, middle 7000' asphalt. Afld management has no COMSEC avbl for tran aircrews. Tran aircrews should plan to arr with appropriate amount of COMSEC to complete entire mission. Afld management has limited COMSEC storage for tran aircrews.
WEATHER DATA SOURCES: ASOS DSN 445-2698 C302-677-2698.
COMMUNICATIONS: **D-ATIS** 135.05 273.5 DSN 445-2847. 269.125 (134.1 thru Comd Post) **PTD** 134.1
SMYRNA RCO 122.1R 111.4T (MILLVILLE RADIO)
 (R) **APP CON** 132.425 135.15X 142.2X 257.875 (VFR sequencing svc 25 NM out on 125.9 282.325)
TOWER 126.35 279.625 **GND CON** 118.875 225.4 **CLNC DEL** 125.55 289.4
 (R) **DEP CON** 134.425 257.875 323.0
COMD POST 134.1 349.4 **PMSV METRO** Full wx svc avbl Mon-Fri 0900-0100Z†, clsd weekends and holidays.
 Combat wx flight DSN 445-4175/76, comm. (302) 677-4175/76. Wx briefings for tran aircrew are avbl via the 15 operational squadron (OWS) at Scott AFB, DSN 576-9755/9702, comm. (618) 256-9755/9702. Jet side svc 1 stop-shop prints IFM crew packages. Building obstruction may impact prevailing visibility 150°-260°. During evac of combat wx flight contact 15 OWS at number above. Alternate wx location visibility severely limited due to building and parked aircraft. ATC will supplement observation as needed.
RADIO AIDS TO NAVIGATION: NOTAM FILE DOV.
SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90' W75°30.96' 168° 6.6 NM to fld. 10/9W.
 (T) **TACAN** Chan 37 DOV (110.0) N39°07.94' W75°28.04' at fld. 17/9W. No NOTAM MP Wed 1100-1400Z† (2000/2+1).
ILS 109.95 I-DOV Rwy 01. No NOTAM MP Mon, Tue, Thu, Fri 1100-1430Z† (2000/2+1).
ILS 111.9 I-LIR Rwy 19. Back course unusable. No NOTAM MP Mon, Tue, Thu, Fri 0800-1100Z† (3000/5+1) ILS Wheel crossing height data: Group 4(18.1').
COMMN/NAV/WEATHER REMARKS: Radar No NOTAM MP Mon, Tue, Thu, Fri 0800-1100Z† (3000/5+1).

DOVER/CHESWOLD**DELAWARE AIRPARK** (33N) 1 W UTC-5(-4DT) N39°13.10' W75°35.80'

WASHINGTON

56 B FUEL 100LL TPA-912(856) NOTAM FILE MIV
RWY 09-27: H3582X60 (ASPH) S-13, D-18 MIRL 0.3% up WL-34F, A
IAP

RWY 27: Thld displcd 350'. Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-3582 TODA-3582 ASDA-3232 LDA-3232

RWY 27: TORA-3582 TODA-3582 ASDA-3582 LDA-3232

AIRPORT REMARKS: Attended 1300-2100Z±. 24 hr self-service credit card fuel avbl. Uncontrolled vehicular t/c crosses center fld. Deer on and invof arpt. Mowing ops conducted Apr-Oct 1100-1800Z±. If your acft cannot opr at this arpt due to size or lack of facilities, an alternative is the Dover Civil Air Terminal located at Dover AFB. To use, 72 hr PPR call 302-735-5519. ACTIVATE MIRL Rwy 09-27—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 123.0

SMYRNA RCO 122.1R 111.4T (MILLVILLE RADIO)

① DOVER APP/DEP CON 132.425 CLINC DEL 125.55

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90'
W75°30.96' 267° 3.8 NM to fld. 10/09W.**DUPONT** N39°40.69' W75°36.43' NOTAM FILE ILG.

WASHINGTON

(L) VORTAC 114.0 DQO Chan 87 at New Castle. 70/10W.

H-101, L-34G, A

VOR portion unusable:

025°-039° byd 5 NM blo 10,000'

025°-039° byd 25 NM

040°-120° byd 25 NM blo 4000'

125°-225° byd 30 NM blo 3000'

225°-230° byd 15 NM blo 3000'

230°-265° byd 22 NM

265°-275° byd 30 NM blo 8000'

300°-315° byd 35 NM blo 3000'

355°-005° blo 3000'

355°-005° byd 15 NM blo 4000'

355°-005° byd 25 NM

DME portion unusable:

040°-100° byd 25 NM blo 5000'

210°-235° byd 30 NM blo 3000'

235°-265° byd 22 NM

265°-275° byd 30 NM blo 5000'

310°-320° byd 35 NM blo 4000'

RCO 122.1R 114.0T (MILLVILLE RADIO)

FARMINGTON**CHORMAN** (D74) 2 SW UTC-5(-4DT) N38°50.97' W75°36.77'

WASHINGTON

66 B S4 NOTAM FILE MIV

L-34F, 36J, A

RWY 16-34: H3588X37 (ASPH) LIRL

RWY 16: REIL. TRCV (TRIL). Trees.

RWY 34: REIL. TRCV (TRIL). Sign.

AIRPORT REMARKS: Attended Mon-Fri 1330Z±-dusk. Agriculture spraying activity on and invof arpt. Rwy 16-34 large unsealed surface cracks, alligator patches. Loading pad adjacent to east side Rwy 34. For rotating bcn call 302-349-5055 or 645-9225. For LIRL Rwy 16-34 and REIL Rwy 16 and Rwy 34 call 302-349-5055 or 645-9225.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.

WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 286° 19 NM to fld. 5/09W.

FELTON**HENDERSON AVIATION** (ØN6) 2 NE UTC-5(-4DT) N39°00.77' W75°32.04'

WASHINGTON

50 S4 NOTAM FILE MIV

RWY 15-33: 2048X40 (TURF)

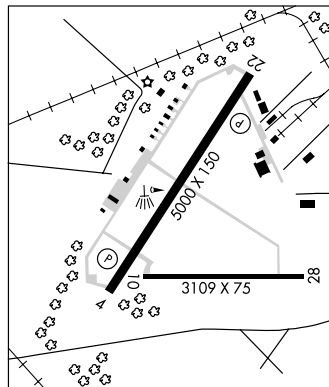
RWY 15: Building.

RWY 33: Trees.

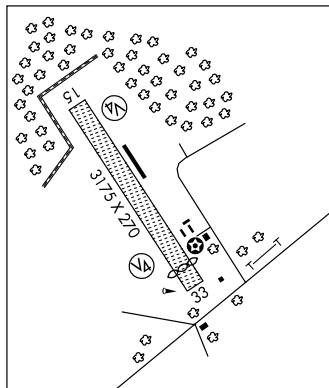
AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z±.**COMMUNICATIONS:** CTAF/UNICOM 123.0

GEORGETOWN**SUSSEX CO** (GED) 2 SE UTC-5(-4DT) N38°41.27' W75°21.50'

53 B S4 FUEL 100LL, JET A NOTAM FILE GED

RWY 04-22: H5000X150 (ASPH-GRVD) MIRL**RWY 04:** REIL. PAPI(P4L)—GA 3.0° TCH 30'. Trees.**RWY 22:** REIL. PAPI(P4L)—GA 3.0° TCH 30'. Trees.**RWY 10-28:** H3109X75 (ASPH) MIRL**RWY 10:** REIL. **RWY 28:** REIL.**AIRPORT REMARKS:** Attended 1200-0200Z+. Parachute Jumping. PAEW within safety area of all rwys and twys. ACTIVATE MIRL Rwys 04-22 and 10-28 and REIL Rwy 04, Rwy 22, Rwy 10 and Rwy 28—CTAF.**WEATHER DATA SOURCES:** ASOS 118.375 (302) 856-2927.**COMMUNICATIONS:** CTAF/UNICOM 123.0**WATERLOO RCO 122.1R 112.6T** (MILLVILLE RADIO)Ⓡ **DOVER APP/DEP CON 132.425****GCO 125.55** (DOVER CLNC), OTS indef.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**WATERLOO (L) VOR/DME 112.6** ATR Chan 73 N38°48.59' W75°12.68' 232° 10.1 NM to fld. 5/09W.**WASHINGTON**
H-101, 121, L-34F, 36J, A
IAP**HADIN** N39°34.87' W75°36.83' NOTAM FILE ILG.
NDB (LOM) 248 IL 013° 5.9 NM to New Castle.**WASHINGTON**
L-34G**HENDERSON AVIATION** (See FELTON)**JENKINS** (See WYOMING)**LAUREL** (N06) 1 SW UTC-5(-4DT) N38°32.53' W75°35.66'

30 B S4 NOTAM FILE MIV

RWY 15-33: 3175X270 (TURF) LIRL**RWY 15:** REIL. TRCV (TRIL) Trees.**RWY 33:** TRCV (TRIL) Thld dsplcd 270'. Road.**AIRPORT REMARKS:** Attended 1300Z+—dusk. Parachute Jumping. Significant sky-diving operation seasonal to all but winter months. Rwy 33 dsplcd thld marked with 3 large orange cones each side. Rwy 15 TRCV calibration unconfirmed. Rwy 33 TRCV calibration unconfirmed. ACTIVATE LIRL Rwy 15-33 and REIL Rwy 33 and rotating bcn—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**PATUXENT APP/DEP CON 127.95** (Mon-Fri 1200-0400Z+, Sat-Sun 1300-2300Z+, clsd holidays)Ⓡ **WASHINGTON CENTER APP/DEP CON 132.05** (Mon-Fri 0400-1200Z+, Sat-Sun 2300-1300Z+)**RADIO AIDS TO NAVIGATION:** NOTAM FILE SBY.**SALISBURY (L) VORTAC 111.2** SBY Chan 49 N38°20.70' W75°30.64' 354° 12.5 NM to fld. 50/12W.**WASHINGTON**
L-34F, 36J, A
IAP

MIDDLETOWN**SUMMIT** (EVY) 5 N UTC-5(-4DT) N39°31.26' W75°43.42'

70 B S4 FUEL 100LL, JET A OX 2 NOTAM FILE MIV

RWY 17-35: H4488X65 (ASPH) MIRL

RWY 17: REIL. PAPI(P4R). RWY 35: REIL. PAPI(P4L).

RWY 11-29: 3601X200 (TURF) LIRL

RWY 11: REIL. RWY 29: REIL.

AIRPORT REMARKS: Attended 1200-0000Z+. Extensive medium/heavy helicopter training in progress all hrs on and in/ov arpt; high rotor downwash velocities. When CH47 helicopters opr, req advisories on UNICOM. S end of parking ramp and mid-field twy clsd.

ACTIVATE LIRL and REIL Rwy 11-29-123.5.

WEATHER DATA SOURCES: AWOS-3 132.325 (302) 378-2063.**COMMUNICATIONS:** CTAF/UNICOM 122.725

Ⓡ PHILADELPHIA APP/DEP CON 118.35 CLNC DEL 125.3 TF
800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE ILG.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69'

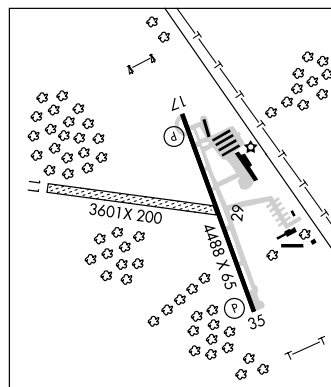
W75°36.43' 220° 10.9 NM to fld. 70/10W.

HADIN NDB (LOM) 248 IL N39°34.87' W75°36.83' 245° 6.2
NM to fld.

WASHINGTON

L-346, A

IAP

**NEW CASTLE** (See WILMINGTON)**SMYRNA** N39°13.90' W75°30.96' NOTAM FILE MIV.

WASHINGTON

(L) VORTAC 111.4 ENO Chan 51 267° 3.8 NM to Delaware Airpark. 10/09W.

H-101, L-34F, A

TACAN azimuth and DME unusable:

140°-150° byd 36 NM blo 3000'

200°-300° byd 36 NM blo 3000'

RCO 122.1R 111.4T (MILLVILLE RADIO)

SMYRNA (38N) 1 E UTC-5(-4DT) N39°18.22' W75°35.03'

WASHINGTON

18 B FUEL 100LL, MOGAS TPA-818(800) NOTAM FILE MIV

RWY 10-28: 2600X125 (TURF) LIRL

RWY 10: REIL. TRCV(TRIL). Trees.

RWY 28: REIL. TRCV(TRIL). Trees.

AIRPORT REMARKS: Attended irregularly. Arpt lgts opr dusk-0500Z+. ACTIVATE LIRL Rwy 10-28-CTAF. Migratory water fowl on and in vicinity of arpt Oct-Feb. Rwy 10-28 rolling surface.

COMMUNICATIONS: CTAF/UNICOM 122.8**SUMMIT** (See MIDDLETOWN)**SUSSEX CO** (See GEORGETOWN)**WATERLOO** N38°48.59' W75°12.68' NOTAM FILE MIV.

WASHINGTON

(L) VOR/DME 112.6 ATR Chan 73 233° 10.0 NM to Sussex Co. 5/09W.

H-101, L-34F, 361, A

DME portion unusable 179°-293° beyond 30 NM below 2000', 294°-330° inside 10 NM.

RCO 122.1R 112.6T (MILLVILLE RADIO)

WILMINGTON**NEW CASTLE**

(ILG) 4 S UTC-5(-4DT) N39°40.72' W75°36.39'

80 B S4 FUEL 100LL, JET A, OX 1, 2, 3, 4 LRA Class I, ARFF Index B

WASHINGTON

H-101, 121, L-346, A
IAP, AD

NOTAM FILE ILG

RWY 09-27: H7181X150 (ASPH-GRVD) S-90, D-140, ST-175,
DT-250 HIRL

RWY 09: PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 27: VASI(V4L)—GA 3.0° TCH 51'. Trees.

RWY 01-19: H7012X150 (ASPH-GRVD) S-90, D-140, ST-175,
DT-250 HIRL

RWY 01: MALS R. Road.

RWY 19: REIL. PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 14-32: H4603X150 (ASPH) S-50, D-60 MIRL

RWY 14: Trees. RWY 32: VASI(V4L)—GA 3.0° TCH 27'.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	09-27	4050
RWY 09	01-19	4800
RWY 14	01-19	4450
RWY 19	14-32	5750
RWY 27	14-32	5300
RWY 32	09-27	3600

AIRPORT REMARKS: Attended continuously. Birds on and in/ovf arpt. Rwy 09-27 longitudinal pavement cracks. Rwy 09-27 no touch and go ldg for turbo jet 0400-1200Z. When twr clsd, pilots must

announce intentions over CTAF before ldgs; tkf or ground travel on rwys and twys. When twr clsd announce emergencies on CTAF directly to ARFF station. Rwy 14-32 NSTD military assault landing zone (ALZ) lighting. Rwy 14-32 CLOSED to air carrier aircraft ops. Ctc FBO's for overnht parking; extended svcs. When terminal building clsd 0400-1100Z contact arpt ops department on 126.0 or 302-229-6315 (24 hr cell). Private gnd vehicles cross Twy A between Twy A4 and Twy C. Twy G section between Twy H and Twy J limited to acft with wingspan of 79 ft or less. Twy G section between Twy H and Twy D limited to acft with wingspan of 49 ft or less. Twy K1 clsd indef. When twr clsd ACTIVATE HIRL Rwy 01-19, Rwy 09-27, MIRL Rwy 14-32, PAPI Rwy 19 and twy lgts—CTAF. Ldg fee for all acft over 7,500 pounds except federal government and military.

WEATHER DATA SOURCES: ASOS (302) 328-1536.**COMMUNICATIONS:** CTAF 126.0 ATIS 123.95 UNICOM 122.95

DUPONT RCO 122.1R 114.0T (MILLVILLE RADIO)

® PHILADELPHIA APP/DEP CON 118.35 CLNC DEL 119.95 TF 800-354-9884

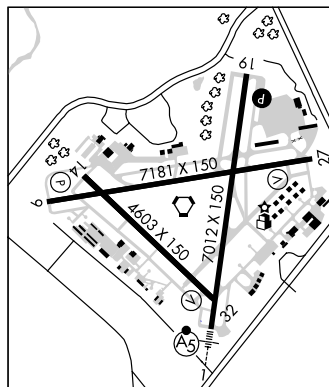
WILMINGTON TOWER 126.0 (1130-0400Z) GND CON 121.7

AIRSPACE: CLASS D svc 1130-0400Z other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ILG.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' at fld. 70/10W.

HADIN NDB (LOM) 248 IL N39°34.87' W75°36.83' 013° 5.9 NM to fld.

ILS 110.3 I-ILG Rwy 01. Class IA. LOM HADIN NDB. ILS unmonitored when twr clsd.

**WYOMING****JENKINS**

(15N) 1 W UTC-5(-4DT) N39°07.17' W75°35.03'

53 B S4 NOTAM FILE MIV

RWY 18-36: 2842X70 (TURF) LIRL

RWY 18: TRCV (TRIL). Trees.

RWY 36: TRCV (TRIL). Thld dspcd 225'. Road.

RWY 12-30: 2035X70 (TURF)

RWY 30: Road.

AIRPORT REMARKS: Attended continuously. Rwy 18 TRCV calibration unconfirmed. Rwy 36 TRCV calibration unconfirmed. ACTIVATE LIRL Rwy 18-36 and rotating bcn—122.7.

COMMUNICATIONS: CTAF/UNICOM 122.8

WASHINGTON

GEORGETOWN N38°55.79' W77°07.45' NOTAM FILE DCA.

NDB (MHW) 323 GTN 148°6.2 NM to Ronald Reagan Washington Natl. Unmonitored.

WASHINGTON**COPTER**

L-29E, 34F, 36I, A

OXONN N38°45.96' W77°01.60' NOTAM FILE DCA.

NDB (MHW/LDM) 332 DC 005° 5.2 NM to Ronald Reagan Washington Natl. Unmonitored.

WASHINGTON**COPTER**

L-29E, 34F, 36I, A

RONALD REAGAN WASHINGTON NATL (See WASHINGTON)**SOUTH CAPITOL STREET HELIPORT** (See WASHINGTON)**TILLE** N38°50.84' W77°26.27' NOTAM FILE IAD.

NDB (LDM) 346 IA 002° 5.9 NM to Washington Dulles Intl.

WASHINGTON N38°51.57' W77°02.19' NOTAM FILE DCA.**WASHINGTON****COPTER**

(L) VORW/DME 111.0 DCA Chan 47

at Ronald Reagan Washington Natl. 9/09W.

H-10H, 12I, L-29E, 34F, 36I, A

VOR unusable:

026°-070° byd 20 NM blo 5000'

071°-075° byd 20 NM blo 5500'

076°-105° byd 20 NM blo 5000'

106°-111° byd 10 NM blo 2500'

106°-125° byd 20 NM blo 8000'

126°-145° byd 20 NM blo 5500'

146°-155° byd 20 NM blo 6000'

DME portion unusable:

090°-165° byd 30 NM blo 3000'

250°-270° byd 20 NM blo 2500'

156°-170° byd 20 NM blo 5500'

171°-177° byd 20 NM blo 5000'

178°-260° byd 20 NM blo 4500'

261°-275° byd 20 NM blo 6000'

276°-283° byd 20 NM blo 7000'

284°-300° byd 20 NM blo 6000'

301°-025° byd 20 NM blo 4500'

340°-040° byd 30 NM blo 2500'

WASHINGTON**RONALD REAGAN WASHINGTON NATL** (DCA) 3 S UTC -5(-4DT) N38°51.13' W77°02.26'**WASHINGTON****COPTER**

15 B S2 FUEL JET A LRA Class I, ARFF Index C NOTAM FILE DCA

RWY 01-19: H6869X150 (ASPH-GRVD) S-110, D-200, ST-175, DT-360

H-10H, 12I, L-29E, 34F, 36I, A

PCN 57 F/B/X/T HIRL CL

IAP, AD

RWY 01: ALSF2. TDZL. Twr.

RWY 19: MALSF. VASI(V12)—GA 3.0°TCH 50'. Rgt tfc.

RWY 15-33: H5204X150 (ASPH-GRVD) S-110, D-200, ST-175,

DT-360 PCN 57 F/B/X/T HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0°TCH 46'. Fence. Rgt tfc.

RWY 33: REIL. VASI(V4L)—GA 3.0°TCH 53'. Trees.

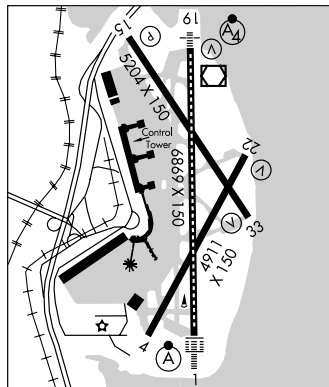
RWY 04-22: H4911X150 (ASPH-GRVD) S-110, D-200, ST-175,

DT-360 PCN 57 F/B/X/T MIRL

RWY 04: REIL. Pole.

RWY 22: REIL. VASI(V4L)—GA 3.0°TCH 53'. Ground. Rgt tfc.

AIRPORT REMARKS: Attended continuously. Rwy 22 CLOSED exc for taxi indef. Rwy 04 CLOSED exc for txf and taxi indef. Be advised some aircrews mistake Rwy 15 for Rwy 19. Left-hand turn-offs from Rwy 33 to Rwy K prohibited. Hold block for Rwy 04 closed for acft parking 0200-1330Z+. Flocks of birds on and in/ov arpt, frequent seagull and geese and duck populations airborne over adjacent river areas. When South apchs are in progress high ints lgts will be flashing on Key, Roosevelt, Memorial, and George Mason Bridges to assist pilots in remaining over Potomac River. Lgts controlled by twr. Three obstruction lgtd poles on apch to Rwy 04 15' high, 600' left-600' right, 900' from AER. Lighting from vehicle parking lot located 1000 ft SW of Rwy 01 could give false indications of being part of Rwy 01 apch lighting system during periods of reduced visibility and low ceilings. Rwy 04 REIL OTS indef. Rwy 22 REIL OTS indef. Rwy 22 VASI OTS indef. Rwy 19X exists to support the DCA LDA associated with the ILS. Rwy P ends at firehouse; area west of firehouse is designated non-movement area. Acft arriving/departing the general aviation parking area are prohibited from taxiing between air carrier pushback ops and the gates. Training flights that include multiple apchs and/or touch and go ops rqr prior permission from the arpt manager. Ldg fees. NOTE: See Special Notices —District of Columbia Ronald Reagan Washington National Airport. Noise Abatement and Prohibited Area (P-56) Avoidance Procedures and Continuous Power Facilities.

**CONTINUED ON NEXT PAGE**

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WEATHER DATA SOURCES: ASOS (703) 412-8140. LLWAS. TDWR.

COMMUNICATIONS: D-ATIS 132.65 (703-419-3917) UNICOM 122.95

① POTOMAC APP CON 118.3 (EAST) 124.7 (WEST)

WASHINGTON TOWER 119.1 (134.35 Helicopters) GND CON 121.7 CLNC DEL/PRE TAXI CLNC 128.25

① POTOMAC DEP CON 121.05 (WEST 10,000' up to FL 230) 118.95 (WEST 9500' and blo) 125.65 (EAST 9500' and blo) 126.55 (EAST 10,000' up to FL 190)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WASHINGTON (L) VORW/DME 111.0 DCA Chan 47 N38°51.57' W77°02.19' at fld. 9/09W.

GEORGETOWN NDB (MHW) 323 GTN N38°55.79' W77°07.45' 148° 6.2 NM to fld. Unmonitored.

OXONN NDB (MHW/LOM) 332 DC N38°45.96' W77°01.60' 005° 5.2 NM to fld. Unmonitored.

ILS/DME 109.9 I-DCA Chan 36 Rwy 01. Class IIE. LOM OXONN NDB.

DME unusable byd 14 NM blo 1600'.

LDA/DME 109.9 I-ASO Chan 36 Rwy 19. GS not authorized blo 1100'. DME unusable byd 12 NM.

DME unusable byd 25° right of course. LOC unusable byd 25° right of course.

LDA/DME 108.5 I-VWH Chan 22 Rwy 19. LOC only. LOC unusable byd 25° left and right of course.

COMM/NAV/WEATHER REMARKS: Local flow traffic management-turbo jet arrivals Ronald Reagan Washington National Tower in conjunction with the Washington ARTCC, has implemented a metering plan designed to minimize low altitude holding, reduce radar vectors and speeds requiring the extension of flaps and to provide for an orderly flow of traffic to the final approach course. Dependent upon the airport acceptance rate, in-trail spacing between successive arrivals may necessitate using speed adjustments prior to reaching the Washington Terminal Area. Descent, under most conditions, will be from arrival fixes established 30 to 36 miles from the runway end. Advance notice as to where to expect descent and when to expect base leg should be given. It is imperative that pilots control their descent at a uniform rate to preclude intermediate altitude restrictions. (Procedures are based on a near idle thrust, 300 feet per mile descent in still air conditions.)

SOUTH CAPITOL STREET HELIPORT (Ø9W) ØN UTC-5(-4DT) N38°52.12' W77°00.45' **WASHINGTON**
 10 B FUEL JET A NOTAM FILE DCA **COPTER**

HELIPAD H1: H60X60(ASPH) LDIN PERIMETER LGTS

HELIPORT REMARKS: Attended Mon-Fri 1200-0000Z± Sat- Sun 1600-0000Z±. Open holidays upon reservation. Large loose grvl south and west of pavement. Helipad H1 75' lgt bridge 500' E; 50' stack 400' W; 40' bldg 60' NE. Ingress and egress routes NE and SW over Anacostia River.

COMMUNICATIONS: CTAF/UNICOM 123.05

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS (703) 412-8140. LLWAS. TDWR.

COMMUNICATIONS: D-ATIS 132.65 (703-419-3917) UNICOM 122.95

⑧ POTOMAC APP CON 118.3 (EAST) 124.7 (WEST)

WASHINGTON TOWER 119.1 (134.35 Helicopters) GND CON 121.7 CLNC DEL/PRE TAXI CLNC 128.25

⑧ POTOMAC DEP CON 121.05 (WEST 10,000' up to FL 230) 118.95 (WEST 9500' and blo) 125.65 (EAST 9500' and blo) 126.55 (EAST 10,000' up to FL 190)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WASHINGTON (L) VORW/DME 111.0 DCA Chan 47 N38°51.57' W77°02.19' at fld. 9/09W.

GEORGETOWN NDB (MHW) 323 GTN N38°55.79' W77°07.45' 148° 6.2 NM to fld. Unmonitored.

OXONN NDB (MHW/LOM) 332 DC N38°45.96' W77°01.60' 005° 5.2 NM to fld. Unmonitored.

ILS/DME 109.9 I-DCA Chan 36 Rwy 01. Class IIE. LOM OXONN NDB.

DME unusable byd 14 NM blo 1600'.

LDA/DME 109.9 I-ASO Chan 36 Rwy 19. GS not authorized blo 1100'. DME unusable byd 12 NM.

DME unusable byd 25° right of course. LOC unusable byd 25° right of course.

LDA/DME 108.5 I-VWH Chan 22 Rwy 19. LOC only. LOC unusable byd 25° left and right of course.

COMM/NAV/WEATHER REMARKS: Local flow traffic management-turbo jet arrivals Ronald Reagan Washington National Tower in conjunction with the Washington ARTCC, has implemented a metering plan designed to minimize low altitude holding, reduce radar vectors and speeds requiring the extension of flaps and to provide for an orderly flow of traffic to the final approach course. Dependent upon the airport acceptance rate, in-trail spacing between successive arrivals may necessitate using speed adjustments prior to reaching the Washington Terminal Area. Descent, under most conditions, will be from arrival fixes established 30 to 36 miles from the runway end. Advance notice as to where to expect descent and when to expect base leg should be given. It is imperative that pilots control their descent at a uniform rate to preclude intermediate altitude restrictions. (Procedures are based on a near idle thrust, 300 feet per mile descent in still air conditions.)

SOUTH CAPITOL STREET HELIPORT (Ø9W) ØN UTC-5(-4DT) N38°52.12' W77°00.45' **WASHINGTON**
 10 B FUEL JET A NOTAM FILE DCA **COPTER**

HELIPAD H1: H60X60(ASPH) LDIN PERIMETER LGTS

HELIPORT REMARKS: Attended Mon-Fri 1200-0000Z± Sat- Sun 1600-0000Z±. Open holidays upon reservation. Large loose grvl south and west of pavement. Helipad H1 75' lgt bridge 500' E; 50' stack 400' W; 40' bldg 60' NE. Ingress and egress routes NE and SW over Anacostia River.

COMMUNICATIONS: CTAF/UNICOM 123.05

WASHINGTON DULLES INTL (IAD) 20 W UTC-5(-4DT) N38°56.85' W77°27.60'

WASHINGTON

312 B S4 FUEL 100L, JET A OX 1, 2, 3 LRA Class I, ARFF Index E

COPTER

NOTAM FILE IAD

H-10H, 121, L-29E, 34E, 361, A

IAP, AD

RWY 01C-19C: H11501X150 (CONC-GRVD) S-200, D-250, DT-450, DDT-875

PCN 81 R/C/W/T HIRL CL

RWY 01C: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'.

RWY 19C: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'.

RWY 01R-19L: H11500X150 (CONC-GRVD) S-200, D-250, DT-450,

DDT-875 PCN 81 R/C/W/T HIRL CL

RWY 01R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. Building.

RWY 19L: MALSR. PAPI(P4L)—GA 3.0° TCH 75'. Pole.

0.3% up.

RWY 01L-19R: H9400X150 (CONC-GRVD) S-200, D-250, DT-450,

DDT-875 PCN 81 R/C/W/T HIRL CL

RWY 01L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. 0.3% down.

RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'.

RWY 12-30: H10501X150 (CONC-GRVD) S-200, D-250, DT-450,

DDT-875 PCN 81 R/C/W/T HIRL CL

RWY 12: MALSR. TDZL. PAPI(P4R).

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 75'. 0.4% up.

AIRPORT REMARKS: Attended continuously. Deer and large flocks of birds on and in/ovf arpt. PAEW adjacent all rwys and twys indef.

Flight training between 0300-1200Z prohibited. Rwy 12 and Rwy

30 touchdown, rollout runway visual range avbl. Rwy 01C, Rwy 19C, Rwy 01R and Rwy 19L touchdown, midfield, and rollout, runway visual range avbl. Rwy 01L and Rwy 19R touchdown, midfield, and rollout visual range avbl. Itinerant acft ctc fixed base operator on 122.95 for services. ASDE-X Surveillance System in use. Pilots should operate transponders with Mode C on all twys and rwys. Air carrier push backs and power from all apron positions require clearance from MWAA Ramp tower. All acft with wingspan exceeding 118' are restricted from using Taxiway A between Taxiway A1 and A5. Runup blocks for Rwy 30 designated as non-movement area.

Numerous flagged and lighted cranes operating in midfield area. Taxiway C active; pushback clncs on N side of midfield terminal are onto Taxiway D only unless otherwise authorized. All 180° turns out of apron positions shall be made using minimum power. During periods of acft saturation long term parking may not be avbl. Svc for fuel and go only will be avbl. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (703) 661-2990. LLWS. TDWR.

COMMUNICATIONS: D-ATIS 134.85 (703) 661-6347. UNICOM 122.95

ARMEL RCO 113.5T 122.1R (LEESBURG RADIO)

Ⓡ **POTOMAC APP CON** 126.1 (331°-090°) 124.65 (091°-240°) 120.45 (241°-330°)

TOWER 120.1 (Rwy 01R-19L) 120.25 (Rwy 01C-19C) 128.425 (Rwys 01L-19R, 12-30)

MIDFIELD RAMP CON 129.55

GND CON 121.9 (East) 132.45 (West) **CLNC DEL** 135.7

Ⓡ **POTOMAC DEP CON** 126.65 (121°-299°) 125.05 (300°-120°)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08' W77°28.00' at fld. 297/08W

TILLE NDB (LOM) 346 IA N38°50.84' W77°26.27' 360° 6.1 NM to fld.

ILS 111.3 I-DLX Rwy 19C. Class IIIE.

ILS 111.3 I-OSZ Rwy 01C. Class IE.

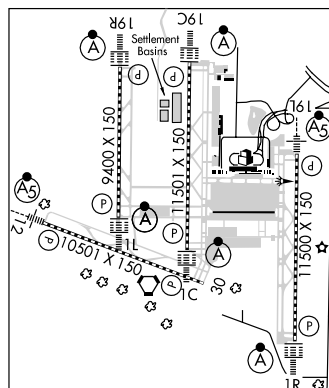
ILS/DME 110.1 I-SGC Chan 38 Rwy 19L. Class IT.

ILS/DME 110.1 I-IAD Chan 38 Rwy 01R. Class IIIE. LOM TILLE NDB.

ILS/DME 110.75 I-ISU Chan 44Y Rwy 19R. Class IIIE.

ILS/DME 110.75 I-OIU Chan 44Y Rwy 01L. Class IIIE.

ILS 109.3 I-AJU Rwy 12. Class IE. Glideslope unmonitored.



ASHLAND**BRADFORD CAMPS SPB** (ME3) 30 SW UTC-5(-4DT) N46°23.75' W69°00.30'**MONTREAL**

815

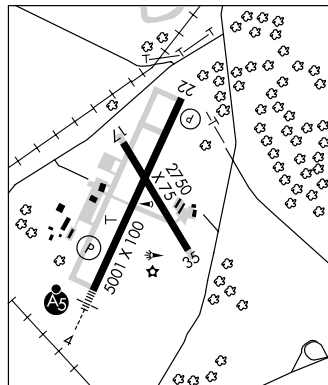
WATERWAY 16W-34W: 1500X1500 (WATER)**SEAPLANE REMARKS:** Attended May-Nov dalgt hrs, Dec-Apr unattended. SPB CLOSED winter Nov-Apr. For services call 207-433-0660. Aclt monitor frequency 122.85.**COMMUNICATIONS:** CTAF 122.9**AUBURN-LEWISTON MUNI** (LEW) 4 SW UTC-5(-4DT) N44°02.91' W70°17.01'**MONTREAL**

288 B S4 FUEL 100LL, JET A NOTAM FILE LEW

H-11D, L-32H

RWY 04-22: H5001X100 (ASPH) S-30, D-108, ST-137, DT-180 HIRL

IAP

RWY 04: MALSR. PAPI(P4L)—GA 3.25° TCH 60'. Ground.**RWY 22:** REIL. PAPI(P4L)—GA 3.5° TCH 35'. P-line.**RWY 17-35:** H2750X75 (ASPH) S-30 MIRL 1.2% up S**RWY 17:** Pole.**RWY 35:** Tree.**AIRPORT REMARKS:** Attended 1100-2300Z†. For fuel or services after hrs call (207) 344-6208. Rwy 04 designated calm wind rwy. Deer and birds on and in/ov arpt. Intensive helicopter ops daily from 1000-0100Z†. Helicopter TPA 500' AGL, rgt tfc. Occasional blasting in progress Mon-Sat approximately 4,800-5,000' SW of Rwy 04 thld 1600-2000Z† during VFR conditions only. ACTIVATE MALSR Rwy 04, MIRL Rwy 17-35, HIRL Rwy 04-22 and REIL Rwy 22—CTAF. Ldg fee.**WEATHER DATA SOURCES:** AWOS-3 118.025 (207) 783-2806.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **PORTLAND APP CON** 125.5 124.05 (1100-0500Z†)Ⓡ **PORTLAND DEP CON** 125.5 (1100-0500Z†)Ⓡ **BOSTON CENTER APP/DEP CON** 124.25 (0500-1100Z†)**PORTLAND CLNC DEL** 124.05 **PRETAXI CLNC** 124.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE AUG.**AUGUSTA (L) VOR/DME** 111.4 AUG Chan 51 N44°19.20' W69°47.79' 250° 26.6 NM to fld. 349/18W.**LEWIE NDB (LOM)** 240 LE N43°57.74' W70°20.28' 041° 5.7 NM to fld.**ILS** 108.9 I-LEW Rwy 04. Class IA. LOM LEWIE NDB. ILS unmonitored.**AUGUSTA****AUGUSTA SPB** (M00) 3 S UTC-5(-4DT) N44°16.05' W69°46.90'**MONTREAL**

23 NOTAM FILE BGR

WATERWAY 13-31: 2500X100 (WATER)**WATERWAY 13:** Trees. Rgt tfc.**SEAPLANE REMARKS:** Unattended. Daytime use only. Unmarked shoals east of sealane. Location has tidal fluctuation of 4 ft. Sealane poorly marked, irregular shaped channel. Docks moved during winter months (Oct-May).**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del through FLIGHT SERVICES 1-800-WX-BRIEF.

AUGUSTA STATE (AUG) 1 NW UTC-5(-4DT) N44°19.24' W69°47.84'

352 B S4 FUEL 100LL, JET A TPA-1400(1048) Class I, ARFF Index A

NOTAM FILE AUG

RWY 17-35: H5001X150 (ASPH-PFC) S-50, D-60 HIRL 0.7%
up S

RWY 17: MALSR. VASI(V4R)—GA 3.0°TCH 60'.

RWY 35: REIL. VASI(V4L)—GA 3.0°TCH 46'. Road.

RWY 08-26: H2703X75 (ASPH) S-30 MIRL

RWY 08: Tree. **RWY 26:** Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-2703 TODA-2703 ASDA-2703 LDA-2703

RWY 17: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 26: TORA-2703 TODA-2703 ASDA-2703 LDA-2703

RWY 35: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

AIRPORT REMARKS: Attended 1200-0100Z†. Arpt unattended after dark during snow and ice season. Fld conditions reports snow depths; braking action may not be avbl for rwys from 2300-1100Z†. For fuel after normal business hours call 207-622-2507. Stack 310' MSL 1.3 NE lgts OTS indef. PAEW 1000' ENE AER 26. Birds and deer on and invof arpt. Seagulls on and invof rwy intersections. Rwy 35 designated calm wind rwy. Twy F east clsd to all acft with wing span greater than 45 ft. Air carrier ramp clsd to general aviation tfc. ACTIVATE HIRL Rwy 17-35; MIRL Rwy 08-26; REIL Rwy 35; VASI Rwy 17 and MALSR Rwy 17—CTAF. Ldg fee for multi-engine acft.

WEATHER DATA SOURCES: ASOS 118.325 (207) 623-0432.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.6 122.2 122.1R 111.4T (BANGOR RADIO)

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1100-0500Z†)

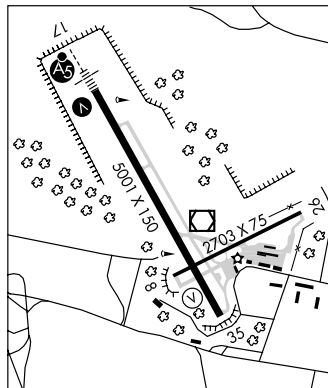
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1100Z†) **CLNC DEL** 119.95

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

(L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' at fld. 349/18W.

DUNNS NDB (LOM) 366 AU N44°24.66' W69°51.64' 171° 6.1 NM to fld.

ILS 108.7 I-AUG Rwy 17. Class IB. LOM DUNNS NDB. Glideslope unusable byd 9 NM. Glide slope unusable beyond 5° rgt side of LOC course. Glide slope unusable blo 430'. Localizer unusable from 0.5 NM to thld abv 1500'.



BANGOR**BANGOR INTL** (BGR) 3 W UTC-5(-4DT) N44°48.45' W68°49.69'

HALIFAX

192 B S4 **FUEL** 100LL, JET A OX 2, 4 TPA—See Remarks LRA Class I, ARFF Index E
NOTAM FILE BGRH-110, L-321
IAP, DIAP, AD**RWY 15-33:** H11440X200 (ASPH) S-100, D-210, ST-175,

DT-400 HIRL CL

RWY 15: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 55'.

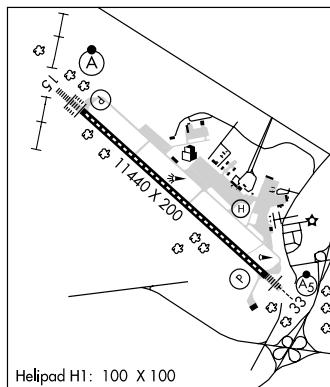
0.4% down.

RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 57'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 15:** TORA-11440 TODA-11440 ASDA-11440 LDA-11440**AIRPORT REMARKS:** Attended continuously. Acft over 12,500 pounds and all revenue producing operations. Twy J clsd during winter months. Twy J limited to acft 75,000 lbs gross tkf weight. TPA for turbo jet acft is 2000(1808) unless otherwise instructed. Flight Notification Service (ADCUS) available.**WEATHER DATA SOURCES:** ASOS 127.75 (207) 947-5293. HIWAS 114.8 BGR.**COMMUNICATIONS:** ATIS 127.75 UNICOM 122.95

RCO 122.2 (BANGOR RADIO)

Ⓡ **APP/DEP CON** 118.925 (155°-334°) 124.5 (335°-154°)**TOWER** 120.7 **GND CON** 121.9 **CLNC DEL** 135.9**AIRSPACE:** CLASS C svc continuous ctc **APP CON****RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.(H) **VORTACW** 114.8 BGR Chan 95 N44°50.51' W68°52.44' 155° 2.8 NM to fld. 360/19W. HIWAS.**TOTTE NDB** 227 BG N44°43.65' W68°42.77' 333° 6.9 NM to fld.**ILS/DME** 109.5 I-BGR Chan 32 Rwy 33. DME also serves Rwy 15.**ILS/DME** 109.5 I-JVH Chan 32 Rwy 15. Class IIIIE.**ASR**

.

HELIPAD H1: H100X100 (CONC)**LUCKY LANDING MARINA AND SEAPLANE BASE** (Ø6B) 7 N UTC-5(-4DT)

HALIFAX

N44°54.42' W68°48.30'

115 S2 **FUEL** 100LL, MOGAS NOTAM FILE BGR**WATERWAY 02-20:** 15000X4000 (WATER)**WATERWAY 02:** Rgt tfc.**SEAPLANE REMARKS:** Attended Apr-Oct dalgt hours, unattended Nov-Mar. To verify conditions and for fuel after hrs call 207-945-5087. Water landing area not marked. Rwy 02W wires on shore—marked.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**BANKS** (See SWANS ISLAND)

BAR HARBOR**HANCOCK CO—BAR HARBOR** (BHB) 8 NW UTC-5(-4DT) N44°26.99' W68°21.69'

HALIFAX

H-11D, L-321

IAP

83 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE BHB

RWY 04-22: H5200X100 (ASPH) D-72, ST-91, DT-100 HIRL

RWY 04: REIL. VASI(V4L)—GA 3.0°TCH 55'. Pole.

RWY 22: MALSF. VASI(V4L)—GA 3.0°TCH 50'. Tree.

RWY 17-35: H3253X75 (ASPH) S-13, D-20 1.0% up NW

RWY 17: Thld dsplcd 684'. Trees.

RWY 35: Thld dsplcd 111'.

AIRPORT REMARKS: Attended 1200Z±—dusk. Stay on paved areas. Gulls and deer on and in/ovf arpt. Glider ops on and in/ovf arpt. Rwy 04-22 due to hump at midpoint, opposite ends of rwy not visible at ground level. Full depth transverse cracking full length of rwy. During VFR conditions when wind speed is less than 5 kts as reported by AWOS or UNICOM all acft using Rwy 04-22 shall txf and land on Rwy 22. ACTIVATE HIRL Rwy 04-22; REIL Rwy 04 and MALSF Rwy 22—122.7.

WEATHER DATA SOURCES: AWOS-3 118.025 (207) 667-7364.**COMMUNICATIONS:** CTAF/UNICOM 123.0

Ⓡ BANGOR APP/DEP CON 124.5 CLNC DEL 119.9

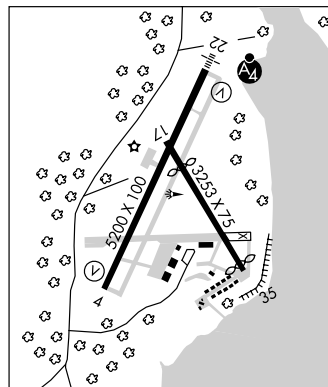
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 156° 32.2 NM to fld. 360/19W. HIWAS.

SURREY NDB (MHW/LOM) 330 BH N44°32.32' W68°18.40' 223° 5.8 NM to fld.

ILS/DME 108.3 I-BHB Chan 20 Rwy 22. Class IB. LOM SURREY NDB. Unmonitored. LOC backcourse unusable 15° left and right of course.

**BELFAST** N44°29.05' W68°55.63'

MONTREAL

RCO 121.975 (BANGOR RADIO)

L-321

BELFAST MUNI (BST) 1 SW UTC-5(-4DT) N44°24.57' W69°00.72'

MONTREAL

198 B FUEL 100LL NOTAM FILE BGR

L-321

RWY 15-33: H4000X100 (ASPH) S-30 MIRL 1.0% up NW

IAP

RWY 15: REIL. Brush. RWY 33: REIL. Trees.

AIRPORT REMARKS: Attended irregularly. For fuel and service call 207-338-4736 24 hr PPR. Rwy 15-33 turkeys and deer on and in/ovf rwy. Obstruction lgts along both sides of primary surface and treeline. ACTIVATE MIRL Rwy 15-33 and REIL Rwy 15 and Rwy 33—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

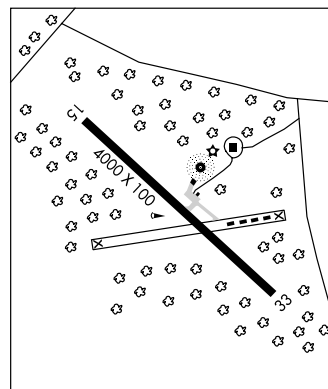
Ⓡ BANGOR APP/DEP CON 118.925 CLNC DEL 121.975 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 212° 26.6 NM to fld. 360/19W. HIWAS.

NDB (MHW) 278 BST N44°24.66' W69°00.64' at fld.



BETHEL RGNL (ØB1) 2 NW UTC-5(-4DT) N44°25.52' W70°48.60'

MONTREAL

654 FUEL 100LL NOTAM FILE BGR

L-32H

RWY 14-32: H3818X75 (ASPH) LIRL (NSTD)

AIRPORT REMARKS: Unattended. Self-serv avbl 24 hrs with charge card.

Unlgt'd mountainous terrain. For rwy conditions or other information, ctc arpt information line 207-824-3100. Powered parachute activity occasionally in terminal area surrounding arpt. ACTIVATE NSTD LIRL Rwy 14-32—CTAF 5 clicks, stays on for 15 min and flashes prior to shut-down. 5 more clicks anytime while on re-sets 15 min cycle. ACTIVATE NSTD AWOS—CTAF. Lgt'd windsock and apron lgs on continuously at night. No fees for parking, tie down, overnight electrical A/C hook up.

WEATHER DATA SOURCES: AWOS-3 (207) 824-0475. Avbl CTAF or phone line.

COMMUNICATIONS: CTAF 122.9

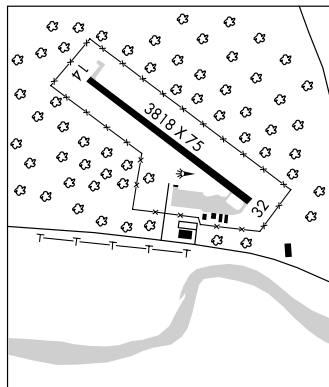
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01'

W71°11.17' 145° 20.4 NM to fld. 1730/17 W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.



BIDDEFORD MUNI (B19) 2 S UTC-5(-4DT) N43°27.85' W70°28.34'

NEW YORK

157 B S4 FUEL 100LL TPA-995(838) NOTAM FILE BGR

L-32H

RWY 06-24: H3000X75 (ASPH) S-25 MIRL 0.3% up NE

IAP

RWY 06: REIL. VASI(V4L)—GA 3.5°TCH 31'. Brush.

RWY 24: Brush.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z, Sat-Sun 1300-2200Z. Deer and turkeys on and invof arpt. Noise Abatement in effect 24hrs, for specifics ctc FBO 877-247-1878. Rwy 24 calm wind rwy. ACTIVATE MIRL Rwy 06-24 and REIL Rwy 06—CTAF; VASI Rwy 06 ops 24 hrs.

COMMUNICATIONS: CTAF/UNICOM 123.0

WATERBORD RCO 122.25 (BANGOR RADIO)

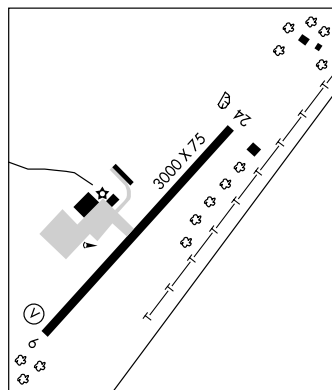
Ⓡ PORTLAND APP/DEP CON 119.75 (1100-0500Z) CLNC DEL 126.05

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (0500-1100Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54'

W70°36.81' 086° 6.6 NM to fld. 190/17W.



BLUE HILL (Ø7B) 3 NE UTC-5(-4DT) N44°26.88' W68°34.18'

HALIFAX

360 NOTAM FILE BGR

RWY 16-34: 3186X100 (TURF)

RWY 16: Trees. RWY 34: Trees.

AIRPORT REMARKS: Unattended. Rwy 16-34 bordered on both sides by 40' to 70' trees. Rwy not plowed during winter months and CLOSED when snow on surface except to ski acft.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

BOWDOINHAM

MERRYMEETING FLD (Ø8B) 1 SE UTC-5(-4DT) N44°00.00' W69°53.23'

MONTREAL

65 B NOTAM FILE BGR

RWY 14-32: 1935X100 (TURF) LIRL

RWY 14: Thld dsplcd 417'. Trees. RWY 32: Thld dsplcd 143'. Trees.

AIRPORT REMARKS: Attended irregularly. No line of sight between rwy ends. Frost heave mid-field. Turf areas may be soft. Rwy 14-32 LIRL OTS indef. Rotating bcn OTS indef. Rwy 14 dsplcd thld lights OTS indef. Rwy 32 dsplcd thld lights OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

BOWMAN FLD (See LIVERMORE FALLS)

BRACY N44°27.61' W69°44.09' NOTAM FILE VWL.
 NDB (MHW/LOM) 399 RL 049° 4.9 NM to Waterville Robert Lafleur.
 NDB/LOM unusable byd 15 NM.

MONTREAL
 L-32H

BRANDY POND SPB (See NAPLES)

BREWER (ØB2) 2 S UTC-5(-4DT) N44°45.83' W68°46.07'

HALIFAX

124 NOTAM FILE BGR

RWY 01-19: 1730X30 (TURF)

RWY 01: Brush. Rgt tfc.

RWY 19: Trees.

AIRPORT REMARKS: Unattended. Rwy 01-19 +25' trees and brush 30' from centerline along east side. Wildlife on or in/ovf arpt. Public golfcourse at EOR 01. Turf area not maintained. Occasional soft mud either side of rwy.

COMMUNICATIONS: CTAF 122.9 CLNC DEL 125.3 (Bangor App Con)

BRUNSWICK NAS (NHZ)(KNHZ) N 2 SE UTC-5(-4DT) N43°53.54' W69°56.33'

NEW YORK

72 B NOTAM FILE NHZ Not insp.

H-11D, L-32H

RWY 01L-19R: H8000X200 (ASPH) PCN 38 R/C/W/T HIRL

DIAP, AD

RWY 01L: PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 19R: PAPI(P4L)—GA 3.0° TCH 47'.

RWY 01R-19L: H8000X200 (ASPH) PCN 38 R/C/W/U

HIRL CL

RWY 01R: BP. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 19L: ALSF1. PAPI(P4L)—GA 3.0° TCH 52'.

ARRESTING GEAR/SYSTEMS

HOOK E28(B) (1250') RWY 19L

MILITARY SERVICE: LGT BP Rwy 01R NATO Standard. JASU (NC-8A1) 2(NC-10B1) (NC-10C) 9(GTC-85) FUEL J8. Avbl 1100-0300Z†. FLUID SP LOX-24 hr PN, LHOX. OIL O-128-133-156

TRAN ALERT No priority basis. Ltd servicing/maintenance. Expect 90 min delay de-icing. Tran acft planning on ldg/dep between 0300-1100Z†, 48 hr prior notice rqr.

MILITARY REMARKS: Opr 1100-0300Z†. See FLIP AP/1 Supplementary Arpt Information. RSTD 24 hr PPR mandatory, DSN 476-2692 C207-921-2692. 48 hr PPR rqr all acft ops between 0300-1100Z†.

WEAPONS/AMMUNITION/HAZARDOUS CARGO—Due ltd parking space, prior coordination via message rqr for support. Flt over weapons compound southeast of afld prohibited. **CAUTION** Deer and bird haz. During winter months, do not mistake parallel twy for rwy. Snow on rwy may induce visual illusion. Ice buildup during winter months may vary substantially between rwy and parking apron. Red label area not visible from twr. **TFC PAT**—Rgt tfc Rwy 01L/01R, left tfc Rwy 19R/19L. **CSTMS/AG/IMG** 24 hr prior notice required on PPR, all acft. Acft commander of mil acft must coordinate number of passengers, number of civilian (including retirees, dependents, DoD/civil svc and third country nationals) and cargo prior to overseas dep, or message tfc with passenger/cargo information required. Telephone DSN 476-2692, C207-921-2692. Substantial delay clearing customs without prior coordination. **MISC** Brunswick NAS afld will close permanently 29 Jan 2010 at 0300Z†. Brunswick NAS afld opr hrs eff 1 Oct 09 Mon-Fri 1100-0300Z†. CLOSED Sat, Sun and hol. Brunswick NAS APP/DEP Control clsd eff 1 Oct 09. APP svc will be provided by Portland APP Control 128.35 381.2

COMMUNICATIONS: ATIS 120.55 250.1

Ⓡ **PORTLAND APP/DEP CON** 128.35 381.2 (1100-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 322.4 (112°-292°) 124.25 290.5 (293°-111°) (Mon-Fri 0500-1100Z†. Clsd Sat, Sun, and hol.)

TOWER 119.6 340.2 (Mon-Fri 1100-0300Z†. Clsd Sat, Sun, and hol.)

GND CON 134.55 352.4 **CLNC DEL** 134.1

360.2

PMSV METRO 264.0 **BASE OPS** 257.5

AIRSPACE: CLASS D svc 1100-0300Z†, clsd Sat, Sun, and hol. OT Class E.

RADIO AIDS TO NAVIGATION: NOTAM FILE NHZ.

(L) **TACAN** Chan 99 NHZ (115.2) N43°52.41' W69°55.31' 344° 1.3 NM to fld. 170/17W. Unmonitored between 0300-1100Z†.

ILS/DME 109.3 I-NHZ Chan 30 Rwy 01R. Unmonitored between 0300-1100Z†.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

BUCKHORN CAMPS SPB (See NORCROSS/MILLINOCKET)

BUCKS HARBOR N44°37.68' W67°23.70'

HALIFAX

RCD 122.5 (BANGOR RADIO)

L-321

BURNHAM N44°41.84' W69°21.47' NOTAM FILE BGR.

MONTREAL

NDB (MHW) 348 BUP 009° 4.3 NM to Pittsfield Muni. Unusable byd 20 NM.

L-32H

CARIBOU MUNI (CAR) 1 NW UTC-5(-4DT) N46°52.29' W68°01.08'
 626 B S4 FUEL 100LL TPA-See Remarks AOE NOTAM FILE CAR
 RWY 01-19: H4003X100 (ASPH) S-30 MIRL
 RWY 01: Ground. RWY 19: Ground.
 RWY 11-29: H3017X75 (ASPH) S-30 MIRL
 RWY 11: Trees. RWY 29: Building.

AIRPORT REMARKS: Attended Mon-Fri 1200-2030Z±. 24 hr fuel avbl with credit card. TPA for light acft 1426(800), TPA for multi and large single engine acft 1626(1000). ACTIVATE MIRL Rwy 01-19 and 11-29-CTAF. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS 135.125 (207) 496-3153.

COMMUNICATIONS: CTAF/UNICOM 122.8

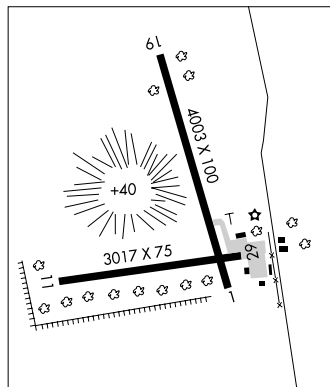
CARIBOU RCO 122.3 (BANGOR RADIO)

® BOSTON CENTER APP/DEP CON 124.75

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

PRESQUE ISLE (H) VORW/DME 116.4 PQI Chan 111 N46°46.45' W68°05.67' 049° 6.6 NM to fld. 590/21W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc Del provided by Boston Center on 124.75.



HALIFAX
L-321
IAP

CARRABASSETT

SUGARLOAF RGNL (B21) 1 N UTC-5(-4DT) N45°05.12' W70°12.98'

MONTREAL

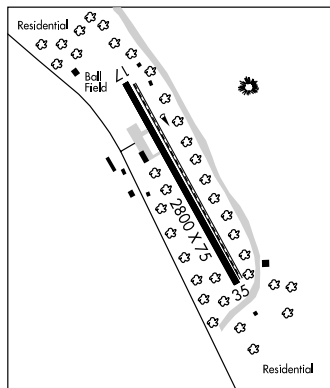
885 TPA-2885 (2000) NOTAM FILE BGR

RWY 17-35: H2800X75 (ASPH) S-12

RWY 17: Road. RWY 35: Trees.

AIRPORT REMARKS: Unattended. High terrain 4237 ft MSL N/E/W of aprt. Rwy 17-35 has 15-55' trees parallel to rwy, 75-90' left and right of centerline.

COMMUNICATIONS: CTAF/UNICOM 122.8



CENTRAL MAINE ARPT OF NORRIDGEWOCK (See NORRIDGEWOCK)

CHARLES A. CHASE JR. MEM FLD (See DOVER-FOXCROFT)

CHESUNCOOK

CHESUNCOOK LAKE HOUSE SPB (1ME) 0 N UTC-5(-4DT) N46°03.65' W69°24.33'

MONTREAL

942

WATERWAY ALL WAY: 15000X1100 (WATER)

SEAPLANE REMARKS: Attended irregularly. Unattended in Apr. Fuel avbl only in emergency. For svcs call 207-745-5330 in advance. Longest length avbl northwest/southwest.

COMMUNICATIONS: CTAF 122.9

NUGENT CHAMBERLAIN LAKE SPB (39B) 11 NE UTC-5(-4DT) N46°13.00' W69°14.97'

MONTREAL

945 NOTAM FILE BGR

WATERWAY 13-31: 15000X1100 (WATER)

SEAPLANE REMARKS: Attended continuously. For svcs call 207-944-5991 in advance.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

CURRIER'S SPB (See GREENVILLE JUNCTION)**CUTLER RGNL** (ME2) 2 W UTC-5(-4DT) N44°40.79' W67°15.86'

HALIFAX

55 NOTAM FILE BGR

RWY 09-27: 2950X40 (GRVL)

RWY 09: P-line. RWY 27: Tree. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov through Apr. Wildlife on and invof arpt. Land on Rwy 27 when wind is lgt and variable. Rwy 09-27 gravel stabilized with grass.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**DEBLOIS FLIGHT STRIP** (43B) 2 SE UTC-5(-4DT) N44°43.59' W67°59.44'

HALIFAX

L-321

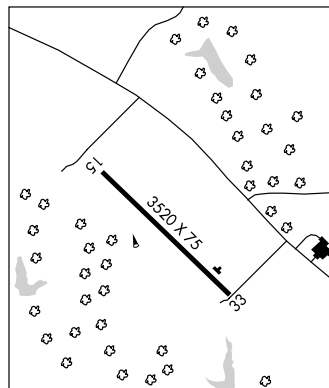
217 NOTAM FILE BGR

RWY 15-33: H3520X75 (ASPH) S-84, D-200, DT-400

RWY 33: Trees.

AIRPORT REMARKS: Unattended. CLOSED during winter months except to ski acft. Daylight use only.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.**BANGOR (H) VORTACW** 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 119° 38.4 NM to fld. 360/19W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**DEWITT FLD, OLD TOWN MUNI** (See OLD TOWN)**DEXTER RGNL** (1B0) 3 E UTC-5(-4DT) N45°00.25' W69°14.22'

MONTREAL

L-32H

IAP

533 B NOTAM FILE BGR

RWY 16-34: H3009X80 (ASPH) S-30 LIRL

RWY 16: Tree.

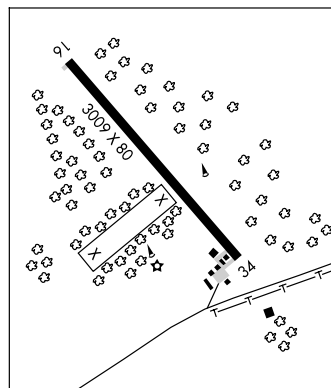
RWY 34: Tree.

AIRPORT REMARKS: Unattended. Rwy 34 30' dropoff 30' from end of rwy. Rwy 16 30' dropoff 145' from end of rwy. There is no line of sight between rwy ends. ACTIVATE LIRL Rwy 16-34-122.8.**COMMUNICATIONS:** CTAF/UNICOM 122.8

® BANGOR APP/DEP CON 118.925

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.**BANGOR (H) VORTACW** 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 321° 18.3 NM to fld. 360/19W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

DIXFIELD**SWANS FLD** (3S2) 3 SE UTC-5(-4DT) N44°30.85' W70°24.41'

MONTREAL

400 NOTAM FILE BGR

RWY 12-30: 1808X40 (TURF)**RWY 12:** Trees. **RWY 30:** Berm.**AIRPORT REMARKS:** Unattended. Rwy not plowed winter months. Ctc arpt manager for rwy conditions in winter.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clncl del thru FLIGHT SERVICES 1-800-WX-BRIEF.**DOVER/FOXCROFT****CHARLES A. CHASE JR. MEM FLD** (44B) 1 SW UTC-5(-4DT) N45°10.65' W69°14.68'

MONTREAL

520 NOTAM FILE BGR

RWY 09-27: 2926X75 (TURF)**RWY 09:** Trees. **RWY 27:** Road.**AIRPORT REMARKS:** Unattended. Deer on and in vicinity of arpt. Rwy 09-27 thlds unmarked.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clncl del thru FLIGHT SERVICES 1-800-WX-BRIEF.**DUNNS** N44°24.66' W69°51.64' NOTAM FILE AUG.

MONTREAL

NDB (LOM) 366 AU 171° 6.1 NM to Augusta State.

L-32H

EASTERN SLOPES RGNL (See FRYEBURG)**EASTPORT MUNI** (EPM) 1 W UTC-5(-4DT) N44°54.61' W67°00.76'

HALIFAX

45 B LRA NOTAM FILE EPM

L-32I

RWY 15-33: H4000X75 (ASPH) S-30 MIRL 0.3% up SW

IAP

RWY 15: REIL. Tree. **RWY 33:** REIL. PAPI(P2L). Pole.**AIRPORT REMARKS:** Unattended. Deer and birds on and in vicinity of rwy.

REIL Rwy 15 and Rwy 33 OTS indef. PAPI Rwy 33 OTS indef.

ACTIVATE MIRL Rwy 15-33; PAPI Rwy 33; REIL Rws 15 and

33—CTAF. Customs on request call 207-853-4313.

WEATHER DATA SOURCES: AWOS-A 260 EPM.**COMMUNICATIONS:** CTAF/UNICOM 122.8**BOSTON CENTER APP/DEP CON** 124.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.**PRINCETON (L) VOR/DME** 114.3 PNN Chan 90 N45°19.75'

W67°42.25' 151° 38.7 NM to fld. 400/21W.

NDB (MHW) 260 EPM N44°54.75' W67°00.73' at fld. AWOS-A.

NOTAM FILE EPM. Unusable byd 10 NM.

COMM/NAV/WEATHER REMARKS: Clncl del thru FLIGHT SERVICES

1-800-WX-BRIEF.

**EAST WINTHROP****LAKE SIDE MARINA SPB** (Ø3M) 4 E UTC-5(-4DT) N44°19.25' W69°53.37'

MONTREAL

165 FUEL MOGAS NOTAM FILE BGR

Not insp.

WATERWAY 02-20: 3800X200 (WATER)**WATERWAY 20:** Trees.**SEAPLANE REMARKS:** Attended 1300-0300Z. Daytime use only. For fuel check at motel. Rwy 02 end east of Igthouse;

Rwy 20 end east of south tip Hershey Island.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Clncl del thru FLIGHT SERVICES 1-800-WX-BRIEF.

ELIOT**LITTLEBROOK AIR PARK** (3B4) 2 SE UTC-5(-4DT) N43°08.59' W70°46.34'NEW YORK
L-32H, 33D
IAP

130 TPA-1130(1000) NOTAM FILE BGR

RWY 12-30: H2701X50 (ASPH) S-8 LIRL (NSTD) 0.7% up NW

RWY 12: Trees. RWY 30: Thld dsplcd 86'. Trees.

AIRPORT REMARKS: Unattended. Broken pavement and debris on all ramp and twyway areas. All twys clsd. Aerobatic activity conducted over and in vicinity of arpt 500 ft thru 5000 ft MSL SR-SS.

Contact Manchester App Con for advisory. Birds and deer on and in/ov arpt. Rwy 12 markings extremely faded, non-standard size, displacement arrows missing. Rwy 30 markings extremely faded, non-standard size, displacement arrows missing. NSTD LIRL due to spacing, rwy lgts are 25' from rwy edge. Lgts avbl PPR 603-969-5646. No thld lgts avbl.

COMMUNICATIONS: CTAF 122.9**BOSTON APP/DEP CON** 125.05 (1100-0500Z‡)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSM.**PEASE (L) VORTAC** 116.5 PSM Chan 112 N43°05.07'

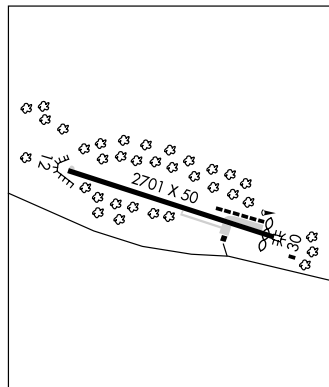
W70°49.92' 053° 4.4 NM to fld. 99/16W.

ROLLINS NDB (MHW) 260 ESG N43°13.22' W70°49.70' 168°

5.2 NM to fld. NOTAM FILE BGR.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

**EXCAL** N46°36.62' W68°01.16' NOTAM FILE PQI.HALIFAX
L-321**NDB (LOM)** 278 PQ 007° 4.8 NM to Northern Maine Rgnl at Presque Isle. Unmonitored.**FRENCHVILLE****NORTHERN AROOSTOOK RGNL** (FVE) 3 E UTC-5(-4DT) N47°17.13' W68°18.77'HALIFAX
L-321
IAP

988 B FUEL 100LL, JET A LRA TPA-1988(1000) NOTAM FILE FVE

RWY 14-32: H4600X75 (ASPH) S-25 MIRL

RWY 14: REIL. Trees.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z‡, Sat and Sun

1500-2100Z‡. For fuel after hours call arpt manager

207-436-1379. ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and

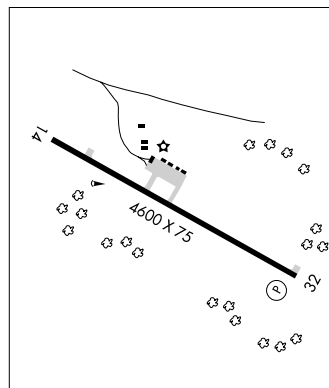
32—CTAF. Landing fee.

WEATHER DATA SOURCES: ASOS 135.725 (207) 543-7456.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **BOSTON CENTER APP/DEP CON** 124.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE PQI.**PRESQUE ISLE (H) VORW/DME** 116.4 PQI Chan 111 N46°46.45'

W68°05.67' 005° 32.0 NM to fld. 590/21W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

**FRYEBURG** N43°55.42' W70°56.75'NEW YORK
L-32H

RCO 122.55 (BANGOR RADIO)

FRYEBURG**EASTERN SLOPES RGNL** (IZG) 3 SE UTC-5(-4DT) N43°59.47' W70°56.87'**NEW YORK**
L-32H
IAP

454 B S4 FUEL 100LL NOTAM FILE IZG

RWY 14-32: H4200X75 (ASPH) S-30 MIRL 0.8% up NW

RWY 14: Trees. RWY 32: REIL. VASI(V2L). Trees.

AIRPORT REMARKS: Attended 1200-2300Z. 24 hr credit card fuel.

Birds and deer on and invof arpt. ACTIVATE MIRL Rwy

14-32-CTAF.

WEATHER DATA SOURCES: ASOS 135.775 (207) 935-2882.**COMMUNICATIONS:** CTAF/UNICOM 122.8

FRYEBURG RCO 122.55 (BANGOR RADIO)

⑧ PORTLAND APP/DEP CON 125.5 (1100-0500Z)

BOSTON CENTER APP/DEP CON 128.2 (0500-1100Z)

CLNC DEL 122.55 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

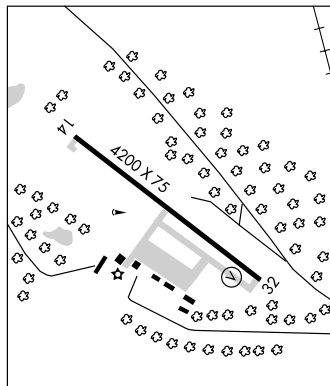
KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54'

W70°36.81' 354° 36.9 NM to fld. 190/17W.

SEBAGO NDB (MHW) 227 SZO N43°54.26' W70°46.94' 323°

8.9 NM to fld. NOTAM FILE IZG.

NDB unusable byd 18 NM.

**GILLESPIE FLD** (See MEDDYBEMPS)**GREENVILLE****GREENVILLE MUNI** (3B1) 2 E UTC-5(-4DT) N45°27.78' W69°33.10'**MONTREAL**
L-32H
IAP

1401 B S4 FUEL 100LL, JET A NOTAM FILE BGR

RWY 14-32: H3999X75 (ASPH) S-12.5 MIRL 0.3% up NW

RWY 14: REIL. PAPI(P4R)-GA 3.0° TCH 40'.

RWY 32: PAPI(P4L)-GA 3.1° TCH 40'. Trees.

RWY 03-21: H3000X75 (ASPH) S-12.5 0.7% up NE

RWY 21: Road.

AIRPORT REMARKS: Attended 1300-2200Z. 24 hr fuel credit card. Deer

on and invof arpt. Rwy 14 PAPI unusable byd 8° right of centerline.

ACTIVATE MIRL Rwy 14-32-CTAF.

WEATHER DATA SOURCES: AWOS-A 236 XQA.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.3 (BANGOR RADIO)

BOSTON CENTER APP/DEP CON 120.25 CLNC DEL 122.3 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20'

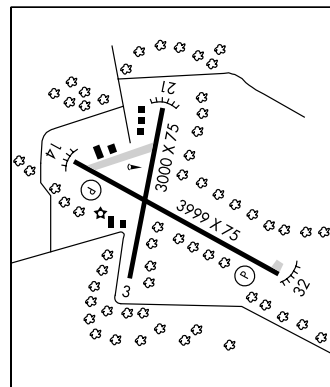
W68°30.93' 281° 44.3 NM to fld. 550/20W.

SQUAW NDB (MHW) 236 XQA N45°31.30' W69°40.47' 142°

6.3 NM to fld. AWOS-A. NOTAM FILE BGR.

NDB unmonitored Sat-Sun; Mon-Fri 2100-1300Z. NDB

unusable byd 12 NM.

**GREENVILLE SEAPLANE BASE** (52B) 0 N UTC-5(-4DT) N45°28.48' W69°36.23'**MONTREAL**
L-32H
IAP

1028 FUEL 100LL NOTAM FILE BGR

WATERWAY 14-32: 6000X1200 (WATER)

WATERWAY 18-36: 5000X1000 (WATER)

SEAPLANE REMARKS: Unattended. Call in advance for fuel availability 207-695-2821.**COMMUNICATIONS:** CTAF 122.9 UNICOM 122.8

BOSTON CENTER APP/DEP CON 120.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 282° 46.4 NM to fld. 550/20W.

SQUAW NDB (MHW) 236 XQA N45°31.30' W69°40.47' 151° 4.1 NM to SPB. AWOS-A. NOTAM FILE BGR.

NDB unmonitored Sat-Sun; Mon-Fri 2100-1300Z. NDB unusable beyond 12 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

GREENVILLE JUNCTION**CURRIER'S SPB** (21M) 0 N UTC-5(-4DT) N45°27.75' W69°37.17'

MONTREAL

1028 NOTAM FILE BGR

WATERWAY 18-36: 1000X3000 (WATER)**WATERWAY 36:** Rgt tfc.

SEAPLANE REMARKS: Attended May-Oct daylight hrs. Nov-Apr unattended. SPB may be unusable from mid-Nov to mid-May due to fall ice formation and spring ice break-up and other adverse conditions. Acft may require skis during winter months due to frozen surface conditions. For SPB conditions call 207-695-2778. 150' radio twr 200' W of sealane and 150' radio twr 1000' SW of sealane. Be alert for recreational boats during summer months and snowmobiles during winter months. Be alert: nearby Greenville SPB (1.1 mile east) and Greenville Muni (3.3 mile east) utilize 122.8 for UNICOM/CTAF.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**HANCOCK CO-BAR HARBOR**

(See BAR HARBOR)

HOULTON INTL (HUL) 2 E UTC-5(-4DT) N46°07.39' W67°47.52'

HALIFAX

489 B S4 FUEL 100LL, JET A AOE NOTAM FILE HUL

H-11D, L-321

RWY 05-23: H5001X150 (ASPH) S-30, D-57 MIRL

IAP, AD

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 50'.**RWY 23:** REIL. PAPI(P4L)—GA 2.5° TCH 45'. Pole.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z+. For fuel after hrs call 207-532-9079 or 207-538-7997 (cell). Deer on and invof arpt. For after hrs access to terminal building use frequency 122.8. ACTIVATE MIRL Rwy 05-23 and REIL Rwys 05 and Rwy 23—CTAF. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS 132.025 (207) 532-1584.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO 122.2 122.1R 116.1T** (BANGOR RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON 120.25** **CLNC DEL 120.25** (Boston Center)

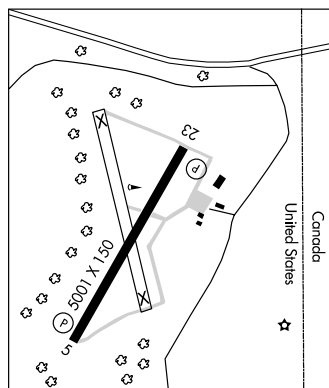
RADIO AIDS TO NAVIGATION: NOTAM FILE HUL.**(H) VOR/DME 116.1** HUL Chan 108 N46°02.37'

W67°50.05' 040° 5.3 NM to fld. 860/21W.

VOR portion unusable 175°-190° byd 20 NM blo 6000'.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

**ISLESBORO** (57B) 1 W UTC-5(-4DT) N44°18.15' W68°54.64'

HALIFAX

92 NOTAM FILE BGR

RWY 01-19: H2400X50 (ASPH)**RWY 01:** Thld dsplcd 250'. Trees.**RWY 19:** Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED ngts. Arpt CLOSED January through March. Daytime use only. Deer on and invof arpt. No touch and go ops.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**JACKMAN****MOOSE RIVER SPB** (6ØB) 0 W UTC-5(-4DT) N45°38.00' W70°15.97'

MONTREAL

1157 LRA NOTAM FILE BGR

WATERWAY 09-27: 5500X200 (WATER)**WATERWAY 01-19:** 4000X4000 (WATER)

SEAPLANE REMARKS: Unattended. For attendant call 207-668-4436/7777. Deer on and invof rwy. Flight Notification Service (ADCUS) avbl.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

NEWTON FLD (59B) 1 W UTC-5(-4DT) N45°37.97' W70°14.93'

MONTREAL

1178 B FUEL 100LL LRA NOTAM FILE BGR

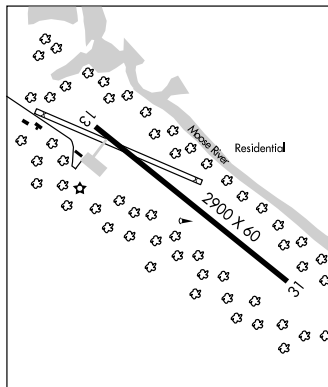
RWY 13-31: H2900X60 (ASPH) MIRL

RWY 13: Trees. RWY 31: REIL. Trees.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs. Birds, deer and moose on and invof arpt. ACTIVATE MIRL Rwy 13-31 and REIL Rwy 31—CTAF. Arpt bcn OTS indef. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES
1-800-WX-BRIEF.



KENNEBUNK N43°25.54' W70°36.81' NOTAM FILE BGR.

NEW YORK

(H) VORTAC 117.1 ENE Chan 118 262° 4.6 NM to Sanford Rgnl. 190/17W.

H-11D, L-32H

DME unusable 265°-275° byd 25 NM blo 4000'; 345°-352° byd 30 NM blo 4000'.

RC0 122.1R 117.1T (BANGOR RADIO)

KNOX CO RGNL (See ROCKLAND)

LAKESIDE MARINA SPB (See EAST WINTHROP)

LEWIE N43°57.74' W70°20.28' NOTAM FILE LEW.

NEW YORK

NDB (LOM) 240 LE 041° 5.7 NM to Auburn-Lewiston Muni.

L-32H

LIMINGTON-HARMON (63B) 3 N UTC-5(-4DT) N43°45.78' W70°40.35'

NEW YORK

291 S4 FUEL 100LL TPA-1391(1100) NOTAM FILE BGR

L-32H

RWY 11-29: H2973X50 (ASPH) LIRL(NSTD)

RWY 11: Trees. RWY 29: Trees.

AIRPORT REMARKS: Attended 1300-2200Z+. 24 hr self-serve fuel.

Rwy 11-29 NSTD LIRL. Rwy 29 has 2 thld lgts 200' from thld. Rwy

11 has 1 thld lgt 300' from thld 10' left, many lgts missing.

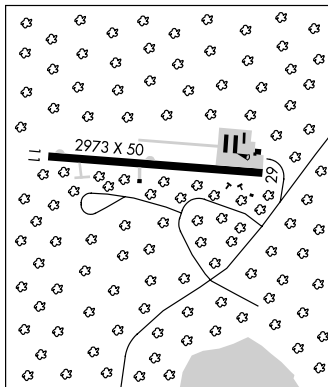
ACTIVATE LIRL Rwy 11-29—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54'
W70°36.81' 010° 20.4 NM to fld. 190/17W.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES
1-800-WX-BRIEF.



LINCOLN RGNL (LRG) 2 SW UTC-5(-4DT) N45°21.73' W68°32.09'

HALIFAX

208 B NOTAM FILE BGR

L-321

RWY 17-35: H2804X75 (ASPH) S-25 MIRL 0.4% up S

IAP

RWY 17: Trees. RWY 35: Trees.

AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 17-35—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20'

W68°30.94' 203° 13.5 NM to fld. 550/20W.

NDB (MHW) 216 LRG N45°21.39' W68°32.22' at fld.

NOTAM FILE BGR. Unmonitored. Unusable byd 15 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

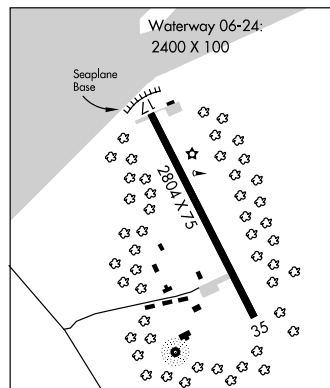
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178

WATERWAY 06-24: 2400X100 (WATER)

Rwy 06W: P-line. Rwy 24W: Trees.

SEAPLANE REMARKS: Rwy 06W-24W CLOSED indefly.



LITTLEBROOK AIR PARK (See ELIOT)

LIVERMORE FALLS

BOWMAN FLD (B10) 4 SE UTC-5(-4DT) N44°24.60' W70°08.77'

MONTREAL

327 TPA-1677(1350) NOTAM FILE BGR

RWY 02-20: 2201X120 (TURF)

RWY 02: Tree. RWY 20: Tree.

AIRPORT REMARKS: Unattended. Runway not plowed in winter, no ngt ops except in emerg. Rwy 02 marked with yellow barrels at corners, white 2' x 2' markers along sides. Rwy 20 marked with yellow and white 2' x 2' markers (3 in a row) at corners, white barrels along sides.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

LONG LAKE SPB (See NAPLES)

LONG LAKE SPB (See SINCLAIR)

LUBEC MUNI (65B) 2 W UTC-5(-4DT) N44°50.19' W67°01.62'

HALIFAX

85 B LRA NOTAM FILE BGR

RWY 08-26: 2024X100 (TURF-GRVL) LIRL

RWY 08: Trees. RWY 26: Tree.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. ACTIVATE LIRL Rwy 08-26 and rotating bcn—CTAF. Customs on request 207-733-4331.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

LUCKY LANDING MARINA AND SEAPLANE BASE (See BANGOR)

MACHIAS VALLEY (MVM) 1 SW UTC-5(-4DT) N44°42.19' W67°28.72'

HALIFAX

96 B NOTAM FILE BGR

L-321

RWY 18-36: H2900X60 (ASPH) S-12.5 MIRL 0.9% up N

IAP

RWY 18: Trees. RWY 36: REIL. Trees.

AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt.

ACTIVATE MIRL Rwy 18-36 and REIL Rwy 36—CTAF.

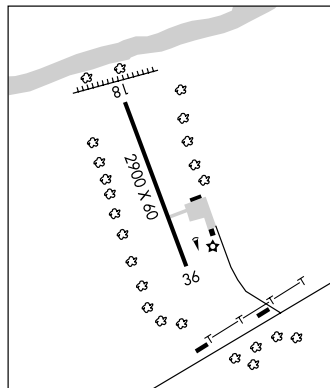
COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 124.25 CLNC DEL 122.5 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 116° 60.2 NM to fld. 360/19W. HIWAS.



MEDDYBEMPS

GILLESPIE FLD (66B) 1 W UTC-5(-4DT) N45°02.00' W67°20.97'

HALIFAX

200 NOTAM FILE BGR

RWY 16-34: 1635X50 (TURF)

RWY 16: Trees. RWY 34: Trees.

AIRPORT REMARKS: Unattended. Rwy not plowed winter months. 36' p-line 280' north of Rwy 16. Rwy 16-34 outlined with white cones.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

MERRYMEETING FLD (See BOWDOINHAM)

MILLINOCKET N45°35.20' W68°30.93' NOTAM FILE MLT.

HALIFAX

(H) VOR/DME 117.9 MLT Chan 126 317° 8.1 NM to Millinocket Muni. 550/20W.

H-110, L-321

VOR unusable 330°-340° beyond 35 NM below 6000'.

DME unusable 330°-350° byd 35 NM blo 6000'.

RCO 123.6 122.1R 117.9T (BANGOR RADIO)

MILLINOCKET**MILLINOCKET MUNI** (MLT) 1 SE UTC-5(-4DT) N45°38.87' W68°41.13'

HALIFAX

408 B FUEL 100LL, JET A NOTAM FILE MLT

L-321

RWY 11-29: H4713X100 (ASPH) S-30, D-44 MIRL

IAP

RWY 11: REIL. Trees.

RWY 29: VASI(V4R)—GA 3° TCH 51'. Trees.

RWY 16-34: H4008X100 (ASPH) S-30, D-44 0.5% up NW

RWY 16: Trees. RWY 34: Road.

AIRPORT REMARKS: Attended May-Nov 1300-2200Z† Dec-Apr Mon-Fri 1300-2200Z†. Fuel avbl 24 hrs, call 207-723-4375. Parachute Jumping. Rwy 16-34 CLOSED winter months except ski acct; snowbank crosses intersection Rwy 16-34 at Rwy 11-29 and along 1000 ft twy plowed center of Rwy 16-34 from intersection to south twy to ramp. Rwy 11 apch has several lgtd stacks 180'-270' above rwy end elevation 2800' from rwy end and immediately right of the apch. Wildlife on and invof arpt. ACTIVATE MIRL Rwy 11-29, REIL Rwy 11 and VASI Rwy 29—CTAF.

WEATHER DATA SOURCES: ASOS 135.225 (207) 723-8396.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 123.6 122.1R 117.9T (BANGOR RADIO)

BOSTON CENTER APP/DEP CON 120.25 CLNC DEL 123.6 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

(H) VOR/DME 117.9 MLT Chan 126 N45°35.20'

W68°30.93' 317° 8.1 NM to fld. 550/20W.

MILNOT NDB (H) 344 LNT N45°38.92' W68°33.02' 289° 5.7 NM to fld. Unmonitored. Unusable byd 15 NM.

ILS 108.9 I-MLT Rwy 29. LOC only.

**MILLINOCKET SPB** (7ØB) 7 NW UTC-5(-4DT) N45°43.70' W68°50.67'

HALIFAX

492 FUEL 100LL NOTAM FILE BGR

WATERWAY ALL WAY: 4000X500 (WATER)

SEAPLANE REMARKS: Attended May-Oct dawn-dusk. Water level fluctuates 15' +/- lowest in Sep and Oct. Preferred tkf and ldg direction for seaplane base 06-24.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**MILNOT** N45°38.93' W68°33.03' NOTAM FILE MLT.

HALIFAX

NDB (H) 344 LNT 289° 5.7 NM to Millinocket Muni. Unmonitored. Unusable byd 15 NM.

L-321

MOOSE RIVER SPB (See JACKMAN)**MOUNT VERNON****SEVEN G S SPB** (75B) .9 S UTC-5(-4DT) N44°29.50' W69°59.47'

MONTREAL

329 NOTAM FILE BGR

WATERWAY 04-22: 2500X200 (WATER)

WATERWAY 04: Trees. WATERWAY 22: Building.

SEAPLANE REMARK: Unattended.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**NAPLES****BRANDY POND SPB** (5ME) 1 SE UTC-5(-4DT) N43°57.27' W070°35.47'

NEW YORK

267 S2 FUEL 100LL NOTAM FILE BGR

WATERWAY 17-35: 7200X600 (WATER)

SEAPLANE REMARKS: Attended May-Oct Mon-Fri 1300-2200Z†, Nov-Apr unattended. Follow channel markers to avoid shallow water. Jun-Aug heavy boat traffic on lake.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del through FLIGHT SERVICES 1-800-WX-BRIEF.

LONG LAKE SPB (76B) 1 NE UTC-5(-4DT) N43°58.25' W70°36.22'

NEW YORK

267 FUEL 100LL NOTAM FILE BGR

WATERWAY 16-34: 1500X3960 (WATER)

SEAPLANE REMARKS: Attended May-Sep daylight hours.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

NEWTON FLD (See JACKMAN)

NORCROSS/MILLINOCKET

BUCKHORN CAMPS SPB (78B) 0 NE UTC-5(-4DT) N45°39.25' W68°56.97'

HALIFAX

500 NOTAM FILE BGR

WATERWAY E-W: 3000X500 (WATER)

WATERWAY E: Trees. WATERWAY W: Trees.

WATERWAY NW-SE: 4000X500 (WATER)

WATERWAY NW: Trees. WATERWAY SE: Trees.

SEAPLANE REMARKS: Unattended. CAUTION-Many shallow rocky areas during low water conditions in middle of lake.

Be alert: many shallow rocky areas around the docking area.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

NORRIDGEWOCK

CENTRAL MAINE ARPT OF NORRIDGEWOCK (OWK) 3.5 W UTC-5(-4DT)

MONTREAL

N44°42.93' W69°51.99'

270 B S4 FUEL 100LL, MOGAS NOTAM FILE BGR

RWY 03-21: H3999X90 (ASPH) S-30, D-60

RWY 03: Trees. RWY 21: Trees.

RWY 15-33: H3999X90 (ASPH) S-30, D-60 MIRL

RWY 15: Trees. RWY 33: REIL. Trees.

AIRPORT REMARKS: Attended 1300-2200. Birds and deer on and in/ovf

arpt. Rwy 15 has 30' dropoff 100' from end of rwy. Rwy 21 has

30' dropoff 100' from end of rwy. Rwy 03 has 30' dropoff 94' from end of rwy. ACTIVATE MIRL Rwy 15-33 and REIL

Rwy 33-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ PORTLAND APP/DEP CON 128.35 (1100-0500Z±)

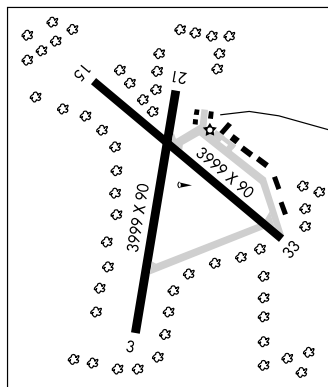
Ⓡ BOSTON CENTER APP/DEP CON 128.2 (112°-292°) 124.25 (293°-111°) (0500-1100Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20'

W69°47.79' 011° 23.9 NM to fld. 349/18W.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



NORTHERN AROOSTOOK RGNL (See FRENCHVILLE)

NORTHERN MAINE RGNL ARPT AT PRESQUE ISLE (See PRESQUE ISLE)

NORTHERN MAINE RGNL SPB (See PRESQUE ISLE)

NOXKS N44°05.61' W69°13.14' NOTAM FILE RKD.

MONTREAL

NDB (LOM) 334 RM 129° 5.6 NM to Knox Co Rgnl.

L-32H

NUGENT CHAMBERLAIN LAKE SPB (See CHESUNCOOK)

OLD TOWN N45°00.34' W68°38.06' NOTAM FILE BGR.

HALIFAX

NDB (MHW) 272 OLD 228° 3.6 NM to Dewitt Fld, Old Town Muni. Unmonitored.

L-32I

OLD TOWN**DEWITT FLD, OLD TOWN MUNI** (OLD) 2 NW UTC-5(-4DT) N44°57.15' W68°40.46'

HALIFAX

126 B FUEL 100LL LRA NOTAM FILE BGR

L-321

RWY 12-30: H3998X100 (ASPH) S-30 MIRL

IAP

RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 3.5° TCH 45'. Trees.

RWY 04-22: H3199X75 (ASPH) S-37, D-45 MIRL

RWY 04: REIL. Trees.

RWY 22: VASI(V4L)—GA 3.5° TCH 52'.

Trees.

AIRPORT REMARKS: Attended Nov-Mar 1300-2130Z, Apr-Oct 1300-2200Z. 24 hr fuel with major credit card. Rotating bcn OTS indefy. Rwy 04-22 large transverse cracks in rwy width 2 inch pavement differential. ACTIVATE MIRL Rwy 04-22 and Rwy 12-30, REIL Rwy 04 and PAPI Rwy 30—CTAF. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BANGOR APP/DEP CON 124.5

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51'

W68°52.44' 071° 10.8 NM to fld. 360/19W. HIWAS.

OLD TOWN NDB (MHW) 272 OLD N45°00.34' W68°38.06'

228° 3.6 NM to fld. Unmonitored.

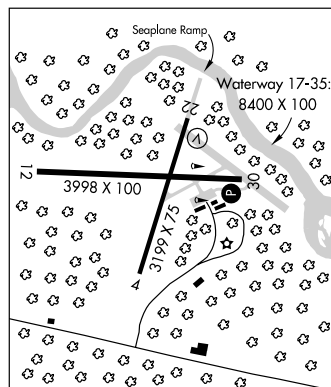
COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

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102

WATERWAY 17W-35W: 8400X100 (WATER)

**ORHAM** N43°39.15' W70°26.45' NOTAM FILE PWM.

NEW YORK

NDB (LOM) 394 PW 111° 5.8 NM to Portland Intl Jetport. Unmonitored.

L-32H

OXFORD CO RGNL (81B) 2 E UTC-5(-4DT) N44°09.45' W70°28.88'

MONTREAL

346 B S4 FUEL 100LL NOTAM FILE BGR

L-32H

RWY 15-33: H2997X75 (ASPH) S-25 MIRL

IAP

RWY 15: Trees.

RWY 33: Tree.

AIRPORT REMARKS: Attended Mon-Sat 1230-2200Z. For fuel or maintenance call 207-539-4779. ACTIVATE MIRL Rwy 15-33—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

PORTLAND APP/DEP CON 125.5 (1100-0500Z)

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (0500-1100Z)

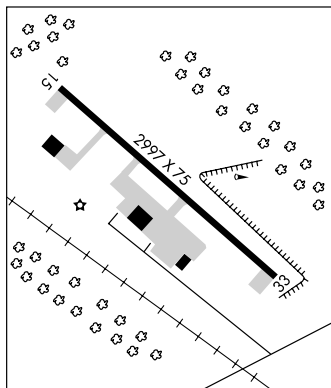
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20'

W69°47.79' 270° 31.1 NM to fld. 349/18W.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

**PATTEN****SHIN POND SPB** (85B) 8 NW UTC-5(-4DT) N46°06.25' W68°33.72'

HALIFAX

780 FUEL 100LL NOTAM FILE BGR

WATERWAY 02-20: 6000X200 (WATER)

SEAPLANE REMARKS: Attended daylight hours. Numerous boats and canoes on lake. Call 207-528-2626 for svc.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

PITTSFIELD MUNI (2B7) 1 SE UTC-5(-4DT) N44°46.11' W69°22.47'

MONTREAL

198 B S4 FUEL 100LL, JET A NOTAM FILE BGR

L-32H

RWY 01-19: H4000X100 (ASPH) S-38, D-49 MIRL 0.6% up N

IAP

RWY 01: REIL.PAPI(P4L). Brush.

RWY 19: REIL. Trees.

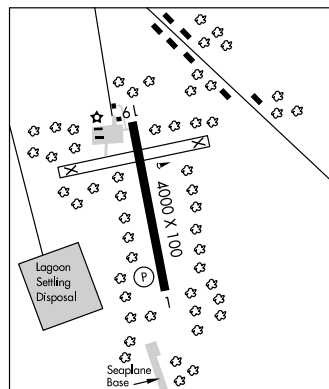
AIRPORT REMARKS: Attended 1200-2200Z+. Fuel after hrs call 207-232-2318. Parachute activity on weekends at arpt. Deer on all rws at night. ACTIVATE MIRL Rwy 01-19 and REIL Rwy 01 and Rwy 19—CTAF. Windsock lgts out of svc indefinitely.

COMMUNICATIONS: CTAF/UNICOM 122.8⑧ **BANGOR APP/DEP CON** 118.925**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.**BANGOR (H) VORTACW** 114.8 BGR Chan 95 N44°50.51'W68°52.44' 278° 21.8 NM to fld. 360/19W. **HIWAS.****BURNHAM NDB (MHW)** 348 BUP N44°41.84' W69°21.47' 009°

4.3 NM to fld. Unusable byd 20 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES

1-800-WX-BRIEF.

**PORTAGE LAKE MUNI SPB** (87B) 1 W UTC-5(-4DT) N46°45.62' W68°28.85'

HALIFAX

608 NOTAM FILE BGR

WATERWAY 02-20: 5000X500 (WATER)**WATERWAY 15-33:** 5000X500 (WATER)

SEAPLANE REMARKS: Unattended. Summer water depth is 1-1½' at the end of south side docking facility. Be alert: water depth 1-1½' on all sides of the dock.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

PORTLAND INTL JETPORT (PWM) 2 W UTC-5(-4DT) N43°38.77' W70°18.56'

NEW YORK

76 B S4 FUEL 100LL, JET A OX 1, 3 TPA-1076(1000) LRA Class I, ARFF Index C

H-11D, L-32H

NOTAM FILE PWM

IAP, AD

RWY 11-29: H7200X150 (ASPH-GRVD) S-75, D-169, ST-175,

DT-300 HIRL CL 0.5% up W

RWY 11: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52'. Trees.

RWY 29: MALSR. PAPI(P4R)—GA 3.0° TCH 53'. Tree.

RWY 18-36: H5001X150 (ASPH) S-75, D-165, ST-175,

DT-300 MIRL

RWY 18: REIL. VASI(V4L)—GA 3.25° TCH 53'. Tree.

RWY 36: REIL. VASI(V4R)—GA 3.0°. Tree.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 11	18-36	5800
RWY 18	11-29	3500

RUNWAY DECLARED DISTANCE INFORMATION

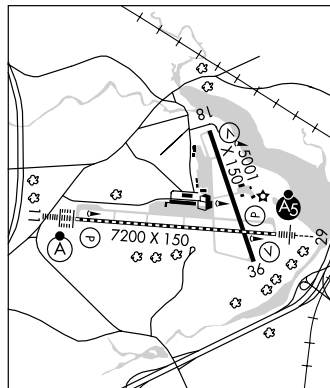
RWY 11: TORA-7200 TODA-7200 ASDA-6800 LDA-6800

RWY 29: TORA-7200 TODA-7200 ASDA-7200 LDA-7200

AIRPORT REMARKS: Attended 1100-0300Z†. For fuel after hours, call 207-775-5635 or 207-774-6318. Deer and wildlife occasionally on and in/ov arpt especially during hours of darkness; seagulls on and in/ov arpt especially during IFR weather conditions. Twy A east of Rwy 18-36 CLOSED to B-747 C-5 and C-141 acft. No touch and go lds during snow removal. PAEW adjacent to rwys ngts, ground vehicles monitor 120.9 when twr clsd. Rwy 11 touchdown, midfield and rollout visual range avbl. Rwy 29 touchdown midfield and rollout visual range avbl. Maintenance run-ups Rwy 11 run-up area only. Prior to any run-ups, or for noise abatement information, ctc the arpt com center on freq 129.95 or call 207-756-8310. Rwy 11 touchdown zone lgts unavailable when twr is clsd. When twr clsd Rwy 11 ALSF-II becomes SSALR when ATCT is clsd. HIRL and centerline Rwy 11-29 and MIRL Rwy 18-36 preset on med intensity only. ACTIVATE MALSR Rwy 29 and REIL Rwy 18 and Rwy 36—CTAF. GA Customs/Immigration facility located at FSDO ramp. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (207) 874-7914**COMMUNICATIONS:** CTAF 120.9 ATIS 119.05 (207-775-1039) UNICOM 122.95① **PORTLAND APP/DEP CON** 119.75 (South) 125.5 (North) 132.4 (1045-0500Z‡)**BOSTON CENTER APP/DEP CON** 128.2 (0500-1045‡)**TOWER** 120.9 (1045-0500Z‡) **GND CON** 121.9 **CLNC DEL** 121.9**AIRSPACE:** CLASS C svc (1045-0500Z‡) ctc **APP CON** other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.**KENNEBUNK (H) VORTAC** 117.1 ENE Chan 118 N43°25.54' W70°36.81' 062° 18.7 NM to fld. 190/17W.**ORHAM NDB (LOM)** 394 PW N43°39.15' W70°26.45' 111° 5.7 NM to fld. Unmonitored.**ILS/DME** 109.9 I-PWM Chan 36 Rwy 11. Class IIIE. LOM ORHAM NDB. LOM unmonitored.**ILS/DME** 109.9 I-GCS Chan 36 Rwy 29. Class IE.**COMM/NAV/WEATHER REMARKS:** Communications available on ground thru BANGOR RADIO on freq 120.9 when twr clsd.

Twr occasionally stays open byd 0500Z‡ during adverse weather.

**PRESQUE ISLE** N46°46.45' W68°05.67' NOTAM FILE PQI.

HALIFAX

(H) **VORW/DME** 116.4 PQI Chan 111 179° 5.5 NM to Northern Maine Rgnl

H-11D, L-32I

at Presque Isle. 590/21W. **HIWAS.**

DME portion unusable:

180°-200° byd 30 NM blo 3400'

PRESQUE ISLE**NORTHERN MAINE RGNL ARPT AT PRESQUE ISLE** (PQI) 1 NW UTC-5(-4DT)HALIFAX
H-110, L-321
IAP

N46°41.34' W68°02.69'

534 B S2 FUEL 100LL, JET A LRA Class I, ARFF Index A NOTAM FILE PQI

RWY 01-19: H7439X150 (ASPH) S-100, D-150, ST-137,

DT-240 PCN 94 F/A/W/T HIRL 1.1% Up N

RWY 01: MALSR.

RWY 19: REIL. PAPI(P4L)—GA 3.7° TCH 50'. (Unmonitored). Trees.

RWY 10-28: H5994X150 (ASPH) S-100, D-150,

DT-240 PCN 94 F/A/W/T MIRL

RWY 28: PAPI(P4L)—GA 3.0° TCH 40'. Railroad.

AIRPORT REMARKS: Attended 1100-0000Z. CLOSED to unscheduled air carrier ops with more than 9 passenger seats except PPR call arpt manager 207-764-2550. PAEW adjacent to rwys and twys (mowing) May 1 thru Nov 1. PAPI Rwy 28 unusable byd 8' left of centerline. ACTIVATE HIRL Rwy 01-19; MIRL Rwy 10-28; MALSR Rwy 01; REIL Rwy 19 and PAPI Rwy 19 and 28—122.6. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: AWOS-3 118.025 (207) 764-7248.

HIWAS 116.4 PQI.

COMMUNICATIONS: CTAF/UNICOM 122.8Ⓡ **BOSTON CENTER APP/DEP CON** 124.75

AIRSPACE: CLASS E svc Mon-Sat 1000-0200Z, Sun 1300-0200Z other times CLASS G.

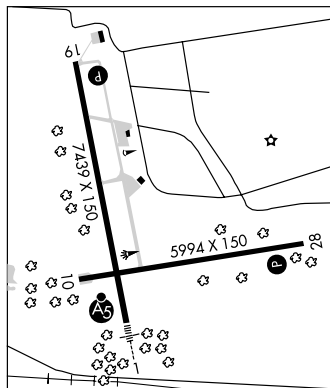
RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

PRESQUE ISLE (H) VOR/DME 116.4 PQI Chan 111 N46°46.45' W68°05.67' 179° 5.5 NM to fld. 590/21W.

HIWAS.

EXCAL NDB (LOM) 278 PQ N46°36.62' W68°01.16' 007° 4.8 NM to fld. Unmonitored.

ILS 108.7 I-PQI Rwy 01. Class IE. LOM EXCAL NDB. ILS unmonitored.

COMM/NAV/WEATHER REMARKS: Cinc Del provided by Boston Center on 121.6.**NORTHERN MAINE RGNL SPB**

(83B) 2 NW UTC-5(-4DT)

HALIFAX

N46°42.45' W68°03.67'

500 TPA—1800(1300) NOTAM FILE BGR

WATERWAY 01-19: 6000X300 (WATER)**WATERWAY 01:** Trees.**WATERWAY 19:** Trees. Rgt tfe.

SEAPLANE REMARKS: Unattended. Rising terrain west side of lake. Arpt located northwest of NORTHERN MAINE RGNL ARPT, PRESQUE ISLE which has unicom freq. 122.8, clear-green rotating bcn, and windcone.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.**PRINCETON MUNI**

(PNN) 2 S UTC-5(-4DT) N45°12.04' W67°33.86'

HALIFAX
L-321
IAP

266 B FUEL 100LL LRA NOTAM FILE BGR

RWY 15-33: H4004X100 (ASPH) S-31, D-38 MIRL (NSTD) 0.7% up NW

RWY 15: VASI(V4L)—GA 3.0° TCH 51'. Trees.

RWY 33: Trees.

RWY 06-24: H3999X150 (ASPH)

RWY 06: Trees.

RWY 24: Thld displcd 504'. Trees.

AIRPORT REMARKS: Unattended. 24 hr fuel avbl with major credit card. Rwy 06-24 CLOSED to acft. No line of sight exists between ends of Rwy 15-33. ACTIVATE NSTD MIRL Rwy 15-33 and VASI Rwy 15—CTAF. Rwy 15-33 NSTD MIRL; lgts 25 ft from rwy edges. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 114.3T (BANGOR RADIO)

BOSTON CENTER APP/DEP CON 124.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.

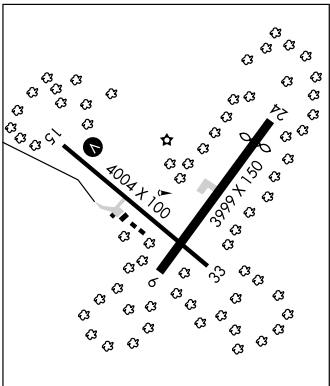
(L) VOR/DME 114.3 PNN Chan 90 N45°19.75'

W67°42.25' 163° 9.7 NM to fld. 400/21W.

VOR portion unusable 300°-330° byd 23 NM blo 4500'.

DME unusable 300°-330° blo 4500' byd 25 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



RANGELEY**RANGELEY LAKE SPB** (M57) 2 N UTC-5(-4DT) N44°57.20' W70°39.78'

MONTREAL

1518 FUEL 100LL NOTAM FILE BGR

L-32H

WATERWAY 06-24: 7000X1000 (WATER)

IAP

SEAPLANE REMARKS: Unattended. Significant boat activity in summer months.

COMMUNICATIONS: CTAF 122.9 UNICOM 122.8

BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01' W71°11.17' 063° 31.0 NM to fld. 1730/17W.

NDB (MHW) 221 RQM N44°56.07' W70°45.07' 065° 5.1 NM to fld. NOTAM FILE BGR. Unmonitored. NDB unusable byd 18 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.

STEVEN A BEAN MUNI (8B0) 2NW UTC-5(-4DT) N44°59.51' W70°39.88'

MONTREAL

1825 B S2 FUEL 100LL, JET A NOTAM FILE BGR

L-32H

RWY 14-32: H3200X75 (ASPH) S-13 MIRL

IAP

RWY 32: REIL. Tree.

AIRPORT REMARKS: Attended irregularly. For fuel, call 207-864-5307.

Migratory birds on and in vof arpt. Military ops in area (F-16 and A-10 acft). Ramp area adjacent fuel pumps subject to severe frost heaves. ACTIVATE MIRL Rwy 14-32 and REIL Rwy 32-122.8.

WEATHER DATA SOURCES: AWOS-3 118.0 (207) 864-5250.

COMMUNICATIONS: CTAF/UNICOM 122.8

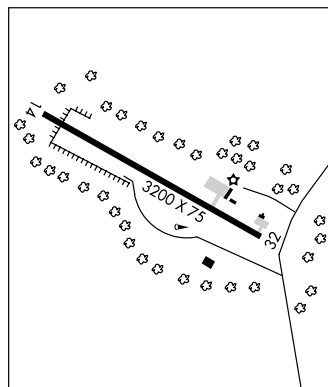
BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01' W71°11.17' 063° 31.0 NM to fld. 1730/17W. HIWAS.

RANGELEY NDB (MHW) 221 RQM N44°56.07' W70°45.07' 065° 5.0 NM to fld. NOTAM FILE BGR. NDB unusable byd 18 NM. Unmonitored.

COMM/NAV/WEATHER REMARKS: Cinc del thru FLIGHT SERVICES 1-800-WX-BRIEF.



ROCKLAND**KNOX CO RGNL** (RKD) 3 S UTC-5(-4DT) N44°03.60' W69°05.96'**MONTREAL**
H-11D, L-32H
IAP

56 B S4 FUEL 100LL, JET A Class III, ARFF Index A NOTAM FILE RKD

RWY 13-31: H5007X100 (ASPH) S-65, D-80, ST-83 HIRL

RWY 13: MALS. PAPI (P4R)—GA 3.0° TCH 51'. Trees.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 03-21: H4000X100 (ASPH) S-65, D-80, ST-83 MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 34'. Trees.

RWY 21: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 13: TORA-5007 TODA-5007 ASDA-5007 LDA-5007

RWY 21: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 31: TORA-5007 TODA-5007 ASDA-5007 LDA-5007

AIRPORT REMARKS: Attended Mon-Fri 1200-2300Z. Arpt may be unattended from 0300-1100Z. Rwy conditions may not be avbl weekends and SS-1200Z. Mon, Thu, Fri. Seagulls and deer on and invof arpt. Voluntary ngt curfew in effect 0330-1100Z. Noise abatement procedures in effect; call 207-596-0617. ACTIVATE MIRL Rwy 03-21, HIRL Rwy 13-31, MALS. Rwy 13, PAPI Rws 03, 13, 31, and REIL Rws 03 and 31—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.025 (207) 594-7946.**COMMUNICATIONS:** CTAF/UNICOM 123.05

Ⓡ **BRUNSWICK APP/DEP CON** 123.8 (Mon-Fri 1100-0300Z. Clsd Sat, Sun and holidays)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (Mon-Fri 0300-1100Z. Clsd Sat, Sun and holidays).

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 135° 33.9 NM to fld. 349/18W

NOXKS NDB (LOM) 334 RM N44°05.61' W69°13.14' 129° 5.6 NM to fld.

SPRUCEHEAD NDB (MHW) 356 SUH N44°03.01' W69°06.30' at fld. NOTAM FILE RKD.

NDB unmonitored.

ILS/DME 111.7 I-RMZ Chan 54 Rwy 13. LOM NOXKS NDB.

COMM/NAV/WEATHER REMARKS: Clearance delivery Brunswick Apch during normal operating hours TF 1-800-545-8883.**SANFD** N43°20.07' W70°50.06' NOTAM FILE SFM.**NEW YORK**
L-32H

NDB (LOM) 349 SF 074° 6.6 NM to Sanford Rgnl.

SANFORD RGNL (SFM) 4 SE UTC-5(-4DT) N43°23.63' W70°42.48'**NEW YORK**
H-11D, 12K, L-32H
IAP

244 B S4 FUEL 100LL, JET A OX 3, 4 NOTAM FILE SFM

RWY 07-25: H6000X150 (ASPH) S-50, D-82, ST-104 HIRL

RWY 07: REIL. PAPI (P4L)—GA 3.0° TCH 42'.

RWY 25: ODALS. VASI(V4L)—GA 3.0° TCH 59'.

RWY 14-32: H4999X100 (ASPH) D-72, ST-91 MIRL 0.3% up NW

RWY 14: PAPI(P4L)—GA 4.0° TCH 23'. Thld dsplcd 896'. Tree.

RWY 32: PAPI(P4L)—GA 3.0° TCH 36'. Tree.

AIRPORT REMARKS: Attended 1200Z-dusk. Wildlife on and invof arpt. Calm wind preferred Rwy 32. ACTIVATE HIRL Rwy 07-25, MIRL Rwy 14-32, PAPI and REIL Rwy 07, ODALS Rwy 25 and Twy E—CTAF.

WEATHER DATA SOURCES: AWOS-3 120.025 (207) 324-1958.**COMMUNICATIONS:** CTAF/UNICOM 123.075

WATERBORD RCO 122.25 (BANGOR RADIO)

Ⓡ **PORTLAND APP/DEP CON** 119.75 (1100-0500Z) **CLNC DEL** 121.725

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1100Z)

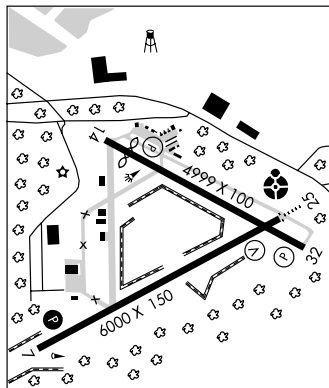
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54'

W70°36.81' 262° 4.6 NM to fld. 190/17W.

SANFD NDB (LOM) 349 SF N43°20.07' W70°50.06' 074° 6.6 NM to fld.

ILS 111.5 I-SFM Rwy 07. Class IB. LOM SANFD NDB.

**SEBAGO** N43°54.26' W70°46.94' NOTAM FILE IZG.**NEW YORK**
L-32H

NDB (MHW) 227 SZO 323° 8.9 NM to Eastern Slopes Rgnl. NDB unusable byd 18 NM.

WATERVILLE ROBERT LAFLEUR (WVL) 2 SW UTC-5(-4DT) N44°32.00' W69°40.53'

MONTREAL

333 B FUEL 100LL, JET A NOTAM FILE WVL

H-11D, L-32H

RWY 05-23: H5500X100 (ASPH) S-40, D-60, DT-105 HIRL 1.2% up NE IAP

RWY 05: MALSF. VASI(V4L)—GA 3.0° TCH 51'.

RWY 23: REIL. VASI(V2L). Tree.

RWY 14-32: H2301X150 (ASPH) S-25 MIRL 0.4% up NW

RWY 14: Trees.

RWY 32: Brush.

AIRPORT REMARKS: Attended May-Oct 1300-2300Z, Nov-Apr 1330-2100Z. For fuel after hrs 207-314-7730 (fee charged). Numerous seagulls on and within 1½ miles of arpt. Deer on and in/ov arpt. Wild turkeys within arpt perimeter fence. Rwy 05-23 longitudinal cracks and vegetation growing through rwy asphalt. Rwy 14-32 surface is cracked with weeds. Rwy 14 hold position markings missing. Avoid hospital one mile north. Helicopter ops paved areas only. ACTIVATE HIRL Rwy 05-23, MALSF Rwy 05—CTAF, MIRL Rwy 14-32 opr dusk-dawn.

WEATHER DATA SOURCES: AWOS-3 118.375 (207) 877-0519.**COMMUNICATIONS:** CTAF/UNICOM 122.7

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1100-0500Z) CLNC DEL 124.6

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1100Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 040° 13.8 NM to fld. 349/18W.

BRACY NDB (MHW/LOM) 399 RL N44°27.61' W69°44.09' 048° 5.1 NM to fld. NDB/LOM unusable byd 15 NM.

ILS/DME 110.5 I-RLU Chan 42 Rwy 05. Class IB. LOM BRACY NDB. Glide slope unusable byd 9 NM and unusable byd 5° left and rgt side of course. BRACY LOM/NDB unusable byd 15 NM.

**WISCASSET** (IWI) 3 SW UTC-5(-4DT) N43°57.69' W69°42.75'

NEW YORK

70 B S3 FUEL 100LL, JET A TPA-1070(1000) NOTAM FILE IWI

L-32H

RWY 07-25: H3397X75 (ASPH) S-22 MIRL

IAP

RWY 07: PAPI(P4L)—GA 4.0°TCH 40'. Trees.

RWY 25: REIL. PAPI(P4L)—GA 3.5°TCH 40'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z, Sun

1800-2200Z. 24 hr credit card fuel opr. Deer on and in/ov arpt.

Noise sensitive area southeast off end of Rwy 07. Arpt has noise abatement procedures ctc arpt manager 207-449-3172.

ACTIVATE MIRL Rwy 07-25; PAPI Rwys 07 and 25; REIL Rwy 25—CTAF.

WEATHER DATA SOURCES: ASOS 135.725 (207) 882-8094.**COMMUNICATIONS:** CTAF/UNICOM 122.8

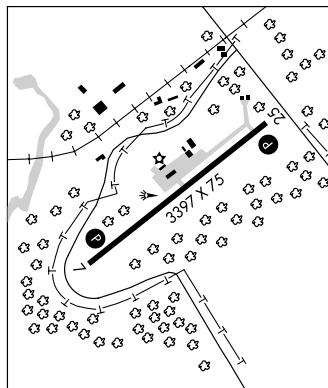
Ⓡ **BUNSWICK APP/DEP CON** 118.15 (Mon-Fri 1100-0300Z. Clsd Sat, Sun, and holidays)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (Mon-Fri 0300-1100Z. Clsd Sat, Sun, and holidays)

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20' W69°47.79' 188° 21.8 NM to fld. 349/18W.

NDB (MHW) 407 ISS N43°58.96' W69°38.42' 266° 3.4 NM to fld. NOTAM FILE IWI. Unmonitored.

COMM/NAV/WEATHER REMARKS: Cinc del ctc Brunswick Apch during normal opr hours on phone 1-800-545-8883.

ABERDEEN N39°32.11' W76°06.38' NOTAM FILE DCA.
NDB (MHWZ) 349 APG 226° 5.1 NM to Phillips AAF. Unmonitored Mon–Fri and holidays
 2130–1230Z†, other times PPR.

WASHINGTON

L–34F, 36J, A

ABERDEEN PROVING GROUND (See PHILLIPS AAF)

ANDREWS AFB (ADW)(KADW) AF/N (ANG AFRC) 3 E

WASHINGTON

COPTER

UTC–5(–4DT) N38°48.65' W76°52.02'
 280 B TPA—See Remarks AOE NOTAM FILE ADW Not insp.

H–10H, 12I, L–29E, 34F, 36I, A

DIAP, AD

RWY 01R–19L: H9755X150 (PEM) PCN 28 R/B/W/T HIRL

RWY 01R: ALSF1. PAPI(P4L). **RWY 19L**: ALSF1. PAPI(P4R).

RWY 01L–19R: H9300X200 (CONC) PCN 55 R/B/W/T HIRL CL

RWY 01L: ALSF2. TDZL. PAPI(P4L). **RWY 19R**: ALSF2. TDZL. PAPI(P4L).

ARRESTING GEAR/SYSTEM

RWY 01R HOOK MB60 (35' OVRN) HOOK BAK–12B(B) (1500').

HOOK BAK–12B(B) (1536'). HOOK MB60 (35' OVRN) **RWY 19L**

MILITARY SERVICE: **LGT** **Rwy 01L–19R** PAPI and ILS rwy point of intercept not coincidental. **Rwy 01L** apch end PAPI located on rgt side of rwy. **Rwy 01L–19R** PAPI set for height group 4. **Rwy 01R–19L** PAPI and ILS rwy intercept point not coincidental. **Rwy 01R–19L** PAPI set for height group 3. **A–GEAR** BAK 12–B apch end **Rwy 01R–19L** not avbl and rqr 30 minutes prior notice weekdays from 1130–2100Z†. **Rwy 01R–19L** MB60 installed and operational, avbl with 45 minutes prior notice. **JASU** (A/M32A–86) 9(AM32–95) **JASU NAVY** 8(GTC–85) 9(NC–10C) 2(NC–8) 4(A/M47A–4). **FUEL** Expect 30 minute delay. Aircrew of tran acft rqr power on refueling must assist in refueling. **J8**, (NC–115, B+) **NAVY FUEL** **J8**. Avbl on req expect minimum 1 hr delay. **FLUID SP** PRESAIR De–Ice LPOX HPOX LOX **FLUID NAVY** ADI SP PRESAIR De–Ice expect extensive delay; LH0X LOX **OIL SOAP**

OIL NAVY O–128–133–148–156

TRAN ALERT NAVY Servicing not avbl T–33 acft. No maintenance/cargo handling avbl. Expect servicing delay. Local staging flight prohibited.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. Navy Transit Line opr 1130–2200Z†, closed Federal holidays. **RSTD** **Rwy 01L–19R** south end underrun/overrun unusable due to pavement degradation. **Rwy 01R–19L** PCN 28 due to pavement condition; ctc 316 OSS Afid Ops for waiver DSN 858–3411. Official Business Only. PPR for all acft. DVs, SAM, EVAC are exempt from restrictions however rqr PPR for tracking and ramp avbl. DSN 858–3411. Rwy closures normally Mon between 1300–2200Z†. Rwy closure will alternate between the East and West rwy each week. All acft filing to Andrews AFB must call for ramp freeze information, ramp freezes close airfield up to 30 minutes, delays are possible. Up to date information on closures/ramp freezes will be in NOTAMS. No general aviation acft, no aero club support. No arr/dep of tran fighter acft with live forward firing munitions. All inbound acft ctc Command Post 30 min out with DV Codes, load message, blocktime, ETD and requirements. AMC acft opr restricted during Bird Watch condition Moderate (tkf or ldg permission only when dep/arrival route avoid identified bird activity, no local IFR/VFR tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC or higher approval), ctc Twr/Gnd/ATIS for current Bird Watch Condition. All twys are 75' wide except **Twy E1** and **Twy E2**, **Twy E** btn **Twy E1** and **Twy E4** are only 50' wide. **Twy E**, north of **E3** clsd to acft with wingspan greater than 165' (C5, B747, C17, KC10 etc.). For remain overnight svc call Comd Post DSN 858–5058 or C301–981–5058. AM Ops does not have COMSEC storage facilities; tran crews should plan to arrive with appropriate amount of COMSEC to complete mission; COMSEC can be stored at COMD POST; DSN 858–5058, C301–981–5058. Compass rose closed except to towed acft. PAD 12 closed. **Twy W2** is prohibited to acft with wingspan larger than 110'. **Twy E–4** restricted to C130/C20 or smaller acft. **RSTD NAVY** Aircrews destination to Navy Ramp file 'Navy Ramp' in remark section of flight plan. **CAUTION** Extremely heavy VFR conflicting tfc north and south quadrants. Visibility above 3 miles restricted by trees. Wind flow from 200°–300° disrupted by hangar on southeast side of airfield. Deer hazard—Deer are active on Andrews airfield pilots report any activity to twr/PTD. Bird hazard—expect increased bird activity (Phase II) from Sep–Oct. Flight restricted zone and SFRA in the Washington DC Metropolitan area. All non–DOD acft must ctc Transportation Security Administration for Special Flight Rules Area (SFRA) waiver in accordance with ZDC NOTAM 5–7 days prior. **TFC PAT** Because of extremely heavy air tfc to the west, all acft on overhead pattern will enter from the east, regardless of ldg rwy. TPA—Overhead pattern 2000(1720), rectangular pattern 1500(1220), lgt acft 1000(720), helicopter 800(520). Acft request VFR multi patterns must use twr VHF frequency. **NS ABTMT** Daily, no helicopter overflight or traffic pattern west of **Rwy 01L–19R** blo 800' AGL. Scramble/Alert missions exempt. Strict compliance with procedure required. Airfield Management OPS DSN 858–3411, C301–981–3411. **NS ABTMT NAVY RAMP** Turboprop taxi low idle and secure outboard engines prior to ramp entry, exempt during ice conditions. **MISC** All tran acft will hold on **Twy W** for follow–me vehicle prior to entering parking ramp. First 4300' and last 325' **Rwy 01R** concrete. Fighter/training acft bring engine covers. Acft with VIP expecting transfer to AF helicopter must ctc Mussel OPS (141.7 292.2) 15 minutes out if arrival will be different than scheduled. Customs Border Protection hrs 1400–2200Z†. After hrs/weekends/hol, agents drive to Andrews AFB. No-notice acft that rqr Customs can expect min 2 hr delay.

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AFRC AFRC ramp PPR call DSN 857-5556 24 hrs prior notice required. Arrival/Departure must occur during normal duty hrs Mon-Fri 1300-2100Z. Ctc AFRC Comd Post 30 minutes prior to ldg. Tran maintenance limited. All acft will hold on Twy E prior to entering parking ramp C240-857-5556. **MISC NAVY** Enter Navy ramp at north entrance, Twy E-3. **ANG** PPR for servicing and use of parking ramps. NoAvgas or reciprocating engine oil avbl, limited maintenance. Ctc 201 OPS DSN 857-7161/62, UHF 314.25; located west side of airfield. 113 WG, DCANG DSN 857-4190/91, UHF 234.8 located east side ADW. No tran maintenance avbl.

COMMUNICATIONS: D-ATIS 113.1 251.05 **PTD** 139.3 372.2

(R) POTOMAC APP CON 124.0 269.0

(R) POTOMAC DEP CON 125.65 391.1

TOWER 118.4 349.0 **GND CON** 121.8 275.8 **CLNC DEL** 127.55 285.475

ANDREWS COMD POST 141.55 378.1 **PMSV METRO** 344.6 Wx opr 24 hrs from Mon 1100Z through Sat 0100Z, Sat, Sun, and holidays 1100-0100Z. Afd wx monitored by AN/FMQ-19 ASOS, augmented by human observation when required during operating hours. ATC will relay twr prevailing visibility RCR/RSC and VIRGA remarks to acft. Supported by 15th Opr Wx Squadron C618-256-9755. **AFRC OPS** 143.8 351.2 **A/G** See Global HF Systems list in FIH.

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

(L) VORTACW 113.1 ADW Chan 78 N38°48.43' W76°51.97' at fld. 260/10W.

VOR portion unusable:

099°-182° byd 9 NM blo 3,500' 183°-227° byd 18 NM blo 4,000'

099°-182° byd 15 NM blo 6,500' 230°-236° byd 20 NM

099°-182° byd 30 NM blo 11,500' 237°-270°

183°-227° byd 10 NM blo 2,500' 330°-048°

TACAN azimuth unusable:

220°-280°

VORTAC unusable:

035°-045° blo 2500'.

KIRBE NDB (LOM) 360 RW N38°42.05' W76°52.21' 011° 6.6 NM to fld.

ILS 111.5 I-RWS Rwy 01L. LOM KIRBE NDB.

ILS 110.5 I-VJM Rwy 01R.

ILS 110.5 I-GQZ Rwy 19L.

ILS 111.5 I-MXK Rwy 19R.

ASR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. Surveillance apch avbl for all rwy and are only authorized between 1300-0100Z.

ANNAPOLIS

LEE (ANP) 5 SW UTC-5(-4DT) N38°56.57' W76°34.10'

WASHINGTON

34 B S4 **FUEL** 100LL TPA 1034(1000) NOTAM FILE DCA

COPTER

Rwy 12-30: H2500X48 (ASPH) LIRL

L-29E, 34F, 36I, A

IAP

Rwy 12: APAP(PNIL)—GA 5.75° TCH 20'. Thld dsplcd 476'. Trees.

Rwy 30: APAP(PNIR)—GA 4.25° TCH 16'. Thld dsplcd 321'. Building.

AIRPORT REMARKS: Attended. Mon-Fri 1200-2200Z, Sat-Sun 1300-2200Z. Arpt CLOSED after 0300Z. Arpt unattended New Years Day; Memorial Day; July 4; Labor Day; Thanksgiving and Christmas. Rwy 12-30 extremely slippery when wet. Rwy 12-30 minor pavement cracks full length. No tkf after 0300Z daily. Touch and go opr prohibited. VASI apchs to be flown. No ldg on grass. No grass crossover from Rwy 12-30 to twy, roll out to end of rwy. Twy clsd north of Rwy 30 adjacent to PAPI indef. **ACTIVATE LIRL** Rwy 12-30—CTAF 0300-1200Z. Ldg fee after one hr or overnight.

WEATHER DATA SOURCES: AWOS-3 122.9 (617) 262-3825. OTS indef.

COMMUNICATIONS: CTAF 122.9

POTOMAC APP/DEP CON 119.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 173° 14.4 NM to fld. 140/11W.

ANNE ARUNDEL N39°05.04' W76°45.60' NOTAM FILE DCA.

WASHINGTON

NDB (MHW) 260 BUH at Tipton. Unusable byd 15 NM. SHUTDOWN.

COPTER

L-29E, 34F, 36I, A

BALTIMORE N39°10.26' W76°39.68' NOTAM FILE BWI.

WASHINGTON

(L) VORTAC 115.1 BAL Chan 98 at Baltimore/Washington Intl. Thurgood Marshall. 140/11W.

COPTER

DME unusable 154° byd 15 NM, 300°-349° byd 35 NM.

H-10H, L-29E, 34F, 36I, A

RCO 122.2 122.1R 115.17 (LEESBURG RADIO)

CONTINUED FROM PRECEDING PAGE

AFRC AFRC ramp PPR call DSN 857-5556 24 hrs prior notice required. Arrival/Departure must occur during normal duty hrs Mon-Fri 1300-2100Z. Ctc AFRC Comd Post 30 minutes prior to ldg. Tran maintenance limited. All acft will hold on Twy E prior to entering parking ramp C240-857-5556. **MISC NAVY** Enter Navy ramp at north entrance, Twy E-3. **ANG** PPR for servicing and use of parking ramps. NoAvgas or reciprocating engine oil avbl, limited maintenance. Ctc 201 OPS DSN 857-7161/62, UHF 314.25; located west side of airfield. 113 WG, DCANG DSN 857-4190/91, UHF 234.8 located east side ADW. No tran maintenance avbl.

COMMUNICATIONS: D-ATIS 113.1 251.05 **PTD** 139.3 372.2

(R) POTOMAC APP CON 124.0 269.0

(R) POTOMAC DEP CON 125.65 391.1

TOWER 118.4 349.0 **GND CON** 121.8 275.8 **CLNC DEL** 127.55 285.475

ANDREWS COMD POST 141.55 378.1 **PMSV METRO** 344.6 Wx opr 24 hrs from Mon 1100Z through Sat 0100Z, Sat, Sun, and holidays 1100-0100Z. Afd wx monitored by AN/FMQ-19 ASOS, augmented by human observation when required during operating hours. ATC will relay twr prevailing visibility RCR/RSC and VIRGA remarks to acft. Supported by 15th Opr Wx Squadron C618-256-9755. **AFRC OPS** 143.8 351.2 **A/G** See Global HF Systems list in FIH.

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

(L) VORTACW 113.1 ADW Chan 78 N38°48.43' W76°51.97' at fld. 260/10W.

VOR portion unusable:

099°-182° byd 9 NM blo 3,500' 183°-227° byd 18 NM blo 4,000'

099°-182° byd 15 NM blo 6,500' 230°-236° byd 20 NM

099°-182° byd 30 NM blo 11,500' 237°-270°

183°-227° byd 10 NM blo 2,500' 330°-048°

TACAN azimuth unusable:

220°-280°

VORTAC unusable:

035°-045° blo 2500'.

KIRBE NDB (LOM) 360 RW N38°42.05' W76°52.21' 011° 6.6 NM to fld.

ILS 111.5 I-RWS Rwy 01L. LOM KIRBE NDB.

ILS 110.5 I-VJM Rwy 01R.

ILS 110.5 I-GQZ Rwy 19L.

ILS 111.5 I-MXK Rwy 19R.

ASR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. Surveillance apch avbl for all rwy and are only authorized between 1300-0100Z.

ANNAPOLIS

LEE (ANP) 5 SW UTC-5(-4DT) N38°56.57' W76°34.10'

WASHINGTON

34 B S4 **FUEL** 100LL TPA 1034(1000) NOTAM FILE DCA

COPTER

Rwy 12-30: H2500X48 (ASPH) LIRL

L-29E, 34F, 36I, A

Rwy 12: APAP(PNIL)—GA 5.75° TCH 20'. Thld dsplcd 476'. Trees.

IAP

Rwy 30: APAP(PNIR)—GA 4.25° TCH 16'. Thld dsplcd 321'. Building.

AIRPORT REMARKS: Attended. Mon-Fri 1200-2200Z, Sat-Sun 1300-2200Z. Arpt CLOSED after 0300Z. Arpt unattended New Years Day; Memorial Day; July 4; Labor Day; Thanksgiving and Christmas. Rwy 12-30 extremely slippery when wet. Rwy 12-30 minor pavement cracks full length. No tkf after 0300Z daily. Touch and go opr prohibited. VASI apchs to be flown. No ldg on grass. No grass crossover from Rwy 12-30 to twy, roll out to end of rwy. Twy clsd north of Rwy 30 adjacent to PAPI indef. **ACTIVATE LIRL** Rwy 12-30—CTAF 0300-1200Z. Ldg fee after one hr or overnight.

WEATHER DATA SOURCES: AWOS-3 122.9 (617) 262-3825. OTS indef.

COMMUNICATIONS: CTAF 122.9

POTOMAC APP/DEP CON 119.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 173° 14.4 NM to fld. 140/11W.

ANNE ARUNDEL N39°05.04' W76°45.60' NOTAM FILE DCA.

WASHINGTON

NDB (MHW) 260 BUH at Tipton. Unusable byd 15 NM. SHUTDOWN.

COPTER

L-29E, 34F, 36I, A

BALTIMORE N39°10.26' W76°39.68' NOTAM FILE BWI.

WASHINGTON

(L) VORTAC 115.1 BAL Chan 98 at Baltimore/Washington Intl. Thurgood Marshall. 140/11W.

COPTER

DME unusable 154° byd 15 NM, 300°-349° byd 35 NM.

H-10H, L-29E, 34F, 36I, A

RCO 122.2 122.1R 115.17 (LEESBURG RADIO)

BALTIMORE**BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL**

(BWI) 9 S UTC-5(-4DT)

WASHINGTON

COPTER

N39°10.52' W76°40.10'

146 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index D

H-10H, 12I, L-29E, 34F, 36I, A

NOTAM FILE BWI

IAP, AD

RWY 10-28: H10502X200 (ASPH-GRVD) S-100, D-220, ST-175, DT-500, DDT-790 PCN 110 F/A/W/T HIRL CL

RWY 10: ALSF2. TDZL. Thld dsplcd 550'. Tree.

RWY 28: MALSR. VASI(V4L)—GA 3.0° TCH 60'. Thld dsplcd 500'. Tree.

RWY 15R-33L: H9501X150 (ASPH-GRVD) S-100, D-220, ST-175, DT-500, DDT-790 PCN 100 F/A/W/T HIRL CL

RWY 15R: MALSR. Antenna.

RWY 33L: MALSR. TDZL. VASI(V4L)—GA 3.0° TCH 55'. Tower.

RWY 04-22: H6000X150 (ASPH-GRVD) S-100, D-220, ST-175, DT-500, DDT 728 PCN 65 F/A/W/T HIRL

RWY 04: REIL. VASI(V4L)—GA 3.0° TCH 49'. Tree.

RWY 22: REIL. VASI(V4L)—GA 3.0° TCH 47'. Pole.

RWY 15L-33R: H5000X100 (ASPH-GRVD) S-30 D-60 PCN 26 F/A/W/T HIRL

0.5% up NW

RWY 15L: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Pole.

RWY 33R: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 56'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-10502 TODA-11202 ASDA-10502 LDA-9952

RWY 28: TORA-10502 TODA-10502 ASDA-10502 LDA-10002

RWY 15R: TORA-9501 TODA-9501 ASDA-9501 LDA-9501

RWY 33L: TORA-9501 TODA-9501 ASDA-9501 LDA-9501

RWY 04: TORA-6000 TODA-6000 ASDA-6000 LDA-6000

RWY 22: TORA-6000 TODA-6000 ASDA-6000 LDA-6000

RWY 15L: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 33R: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

AIRPORT REMARKS: Attended continuously. Rwy 04-22 CLOSED exc for taxi. Rwy 04-22 restrictions apply except for excessive crosswinds; emergencies; or non-availability of other rwys. Deer and birds occasionally on and in/ov arpt. Major construction on arpt daily. Acft movement and parking areas subject to short notice change/closure. For current information phone BWI ops center 410-859-7018. Noise abatement procedures in effect—restriction for Rwy 15L/33R except for emergencies or mercy flights, etc arpt management for information. Practice landings and approaches by turbo-powered aircraft prohibited 0300-1100Z. Practice landings and takeoffs by B-747 acft prohibited Rwy 15R-33L. Rwy 04-22, Rwy 10-28, Rwy 15L-33R, pavement cond is fair with numerous cracks on all surfaces. No apron parking for unscheduled air carriers. General aviation acft ctc UNICOM prior to arriving at General Aviation ramp for security purposes. Acft parked at gates D-15, 16 encroach Rwy 04-22 7:1 to height of 58 ft. MALSR Rwy 33L controlled but unmonitored by twr. Rwy 15L touchdown rwy visual range avbl. Rwy 33R touchdown rwy visual range avbl. Taxiing prohibited between Gate C16 and adjacent building structure SW of Pier C. Taxi lanes A-1 and H, rstd to Group III acft with max wingspan of 118'. Twy A is restricted to Group IV acft, wingspan 171' or less. Twy P between Twy P1 and Twy C rstd to wingspans of 171' or less. Twy S, south of Rwy 22, restricted to acft 60000 lbs and less. Twy E clsd and barricaded between Rwy 10-28 and Twy P indef. Rwy 15L-33R restricted to acft producing less than 90 decibels except for emergencies. Continuous moving ops adjacent all rwys and twys—Apr through Nov. Distracting lgts (golf driving range) rgt side extended centerline Rwy 33L from apch end rwy to ¼ mile final. Acft on visual apchs expect to maintain 3000 ft until 10 DME from BWI; departure acft should expect turns based on Baltimore DME. Rwy 15R de-ice pad, positions 1, 2 and 3 restricted to acft with wingspan of 135' or less, position 4 restricted to acft with wingspan of 156' or less, and position 5 restricted to acft with wingspan 214' or less. Rwy 28 de-ice pad lane 1 rstd to acft with wingspan 171' or less, lane 2 rstd to acft with wingspan 135' or less, lane 2 is used by large acft maximum wingspan 215' and when in use—lanes 2 and 4 are unavbl. Lanes 4, 5 and 6 are rstd to acft wingspan 135' or less. Concourse A - alternate de-icing area is rstd to B737-800 size aircraft with winglets or smaller on spots 6, 7A, and 8A. B737-700 size aircraft with winglets or smaller are rstd to spots 7B and 8B. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (410) 691-1278. TDWR.

COMMUNICATIONS: D-ATIS 115.1 127.8 UNICOM 122.95

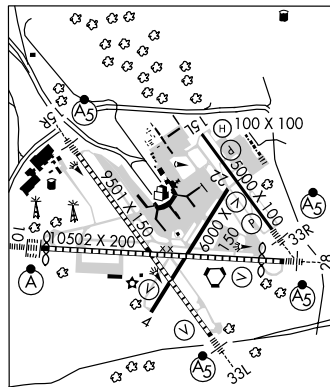
BALTIMORE RCO 122.2 122.1R 115.1T (LEESBURG RADIO)

Ⓡ POTOMAC APP CON 119.0 (020°-100°) 124.55 (101°-130°) 119.7 (131°-180°) 128.7 (181°-019°) 126.75

POTOMAC DEP CON 126.75

BALTIMORE TOWER 119.4 GND CON 121.9 CLNC DEL 118.05

AIRSPACE: CLASS B See VFR Terminal Area Chart.



CONTINUED ON NEXT PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE BWL

(L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' at fld. 140/11W.

TACAN unusable 300°–349° bvd 35 NM

DME unusable 133°–155° byd 36 NM

VORTAC unusable 133°–155° byd 20 NM blo 10,000'.

ELLICOTT NDB (MHW) 371 FND N39°17.24' W76°46.62' 154° 8.4 NM to fld.

Unusable 140°–320° byd 12 NM blo 10.500'.

ILS 109.7 I-BAL Rwy 10. Class IIIE.

ILS 111.95 I-UOC Rwy 15L. Class IA

ILS 111.7 I-FND Rwy 15R. Class IA

ILS 109.7	I-OEH	Rwy 28.	Class IA.
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ILS 111.7 I-RUX Rwy 33L. Class IB.

ILS 111.95 I-BWl Rwy 33R. Class IB. Coupled apchs not authorized blo 700' MSL. GS unusable 1.2 NM inbound blo 553'.

HELIPAD H1: H100X100 (ASPH)

HELIPORT REMARKS: H1 helipad located NE of Twy 'O' on general aviation apron.

ESSEX SKYPARK (W48) 3 SE UTC-5(-4DT) N39°15.75' W76°25.93'

WASHINGTON
COPTER

15 B NOTAM FILE DCA

RWY 16-34: H2084X30 (ASPH) LIRL

RWY 16: APAP(PNIL)—GA 4.5° TCH 19'. Thld dspcd 185'. Brush.

RWY 34: APAP(PNIR)—GA 4.5° TCH 20'.

Road.

AIRPORT REMARKS: Attended 1300-2300Z±. Arpt unattended major holidays. No touch and go lds. No helicopter ops.

Rotating bcn OTS indef. ACTIVATE LIBL Rwy 16-34-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7

00

WATERWAY 16-34: 3000X300 (WATER)

RADIO AIDS TO NAVIGATION: NOTAM FILE BWL

(L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' at fld. 140/11W.

TACAN unusable 300°–349° bvd 35 NM

DME unusable 133°–155° byd 36 NM

VORTAC unusable 133°–155° byd 20 NM blo 10,000'.

ELLICOTT NDB (MHW) 371 FND N39°17.24' W76°46.62' 154° 8.4 NM to fld.

Unusable 140°–320° byd 12 NM blo 10.500'.

ILS 109.7 I-BAL Rwy 10. Class IIIE.

ILS 111.95 I-UOC Rwy 15L. Class IA

ILS 111.7 I-FND Rwy 15R. Class IA

ILS 109.7	I-OEH	Rwy 28.	Class IA.
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ILS 111.7 I-RUX Rwy 33L. Class IB.

ILS 111.95 I-BW1 Rwy 33R. Class IB. Coupled apchs not authorized blo 700' MSL. GS unusable 1.2 NM inbound blo 553'.

HELIPAD H1: H100X100 (ASPH)

HELIPORT REMARKS: H1 helipad located NE of Twy 'O' on general aviation apron.

ESSEX SKYPARK (W48) 3 SE UTC-5(-4DT) N39°15.75' W76°25.93'

WASHINGTON
COPTER

15 B NOTAM FILE DCA

RWY 16-34: H2084X30 (ASPH) LIRL

RWY 16: APAP(PNIL)—GA 4.5° TCH 19'. Thld dspcd 185'. Brush.

RWY 34: APAP(PNIR)—GA 4.5° TCH 20'.

Road.

AIRPORT REMARKS: Attended 1300-2300Z±. Arpt unattended major holidays. No touch and go lds. No helicopter ops.

Rotating bcn OTS indef. ACTIVATE LIBL Rwy 16-34-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7

00

WATERWAY 16-34: 3000X300 (WATER)

MARTIN STATE (MTN)(KMTN)(ANG) 9 E UTC-5(-4DT) N39°19.54' W76°24.83'

WASHINGTON

21 B S4 **FUEL** 100LL, JET A OX 1, 2 TPA—See Remarks NOTAM FILE MTN

COPTER

Rwy 15-33: H6996X180 (ASPH-GRVD) S-65, D-82, ST-175, DT-140 HIRL

H-10H, 12I, L-29E, 34F, 36J, A
IAP, AD

Rwy 15: REIL. PVASI(P SIL)—GA 4.0° TCH 47'. P-line.

Rwy 33: REIL. PVASI(P SIL)—GA 2.9° TCH 38'. Trees.

MILITARY SERVICE: FUEL J8 (NC-100LL, A) **TRAN ALERT** Minimum tran maintenance and parking avbl during normal duty hr and Unit Training Assemblies. No fleet svc avbl.

AIRPORT REMARKS: Attended 1100-0400Z. CAUTION: Seagulls on and in/ovf arpt. Noise abatement procedures in effect. When twr closed no practice landings or approaches. PPR for practice txf and ldg for acft weighing more than 12,500 lbs. TPA reciprocating engine acft 999(978); turbo prop and civil jet acft 1499(1478), military jet acft 1999(1978). Airport conditions unmonitored 0400-1100Z. Helipad 800 ft left of AER 33. Mowing ops conducted Apr-Sep 1330-2130Z. For additional information ctc arpt manager 410-682-8800. PVASI Rwy 15 unusable byd 5° left and right of course. PVASI Rwy 33 unusable byd 5° left and 8° right of course. When twr closed ACTIVATE HIRL Rwy 15-33, REIL Rwy 15 and Rwy 33—CTAF. When twr clsd ACTIVATE Twy F lgts—UNICOM.

MILITARY REMARKS: RSTD No practice apch or ldg 0300-1100Z. 8100' avbl for txf Rwy 15 and ldg Rwy 33 for mil acft only. PPR for

practice txf and ldg for acft weighing more than 12,500 lb. CAUTION BASH II in effect Aug-Dec. **TFC PAT** TPA—C-130/Jet 1500(1478), A-10 2000 (1978). ANG PPR for servicing and use of ANG parking ramp only, DSN 243-6375/6376, C410-918-6375/6376. Duty hr Tue-Fri 1130-2200Z. If destination is ANG, indicate in flight plan remark. Call Comd Post/Dispatch 20 minutes prior to ldg. Space avbl passenger require security screening in accordance with MAJCOM direct. For space avbl information, please contact DSN 243-6511, C410-918-6511.

WEATHER DATA SOURCES: AWOS-3 124.925 C410-682-8848

COMMUNICATIONS: CTAF 121.3 ATIS 124.925 UNICOM 122.95

® **POTOMAC APP/DEP CON** 119.0 282.275 **POTOMAC CLNC DEL** 121.8 (When Martin tower clsd)

TOWER 121.3 297.2 (1100-0300Z) **GND CON** 121.8 253.4

175 FG COMD POST (A10) (RAVEN OPS) 347.2 (C130) (CRAB OPS) 384.1

AIRSPACE: CLASS D svc 1100-0300Z other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 062° 14.8 NM to fld. 140/11W.

ILS/DME 110.7 I-BQG Chan 44 Rwy 15. LOC only. Localizer offset. DME also serves Rwy 33.

ILS unmonitored when twr clsd.

ILS/DME 110.7 I-MTN Chan 44 Rwy 33. DME also serves Rwy 15. ILS unmonitored when twr clsd.

• • • • •
HELIPAD H1: H65X65 (CONC)

HELIPORT REMARKS: Perimeter lgts.

PIER 7 (4MD) 3 SE UTC-5(-4DT) N39°16.33' W76°34.30'

WASHINGTON

16 NOTAM FILE DCA

COPTER

HELIPAD H1: H45X45 (CONC)

HELIPORT REMARKS: Attended 1400-2200Z. Perimeter lgts. ACTIVATE perimeter lgts H1—CTAF.

COMMUNICATIONS: CTAF 123.025

BAY BRIDGE (See STEVENSVILLE)

BENNETT (See SALISBURY)

CAMBRIDGE-DORCHESTER (CGE) 3 SE UTC-5(-4DT) N38°32.36' W76°01.82'

WASHINGTON

20 B S4 FUEL 100LL, JET A NOTAM FILE DCA

L-34F, 36I, A

RWY 16-34: H4477X75 (ASPH-GRVD) S-14 MIRL

IAP

RWY 16: REIL. PAPI(P2L)—GA 3.5°TCH 46'. Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.25°TCH 35'. Railroad.

AIRPORT REMARKS: Attended 1300-2200Z†. CLOSED Thanksgiving and Christmas. ACTIVATE MIRL Rwy 16-34, REIL and PAPI Rwy 16 and Rwy 34—121.9.

WEATHER DATA SOURCES: AWOS-3 120.675 (410) 228-7559.**COMMUNICATIONS:** CTAF/UNICOM 122.7

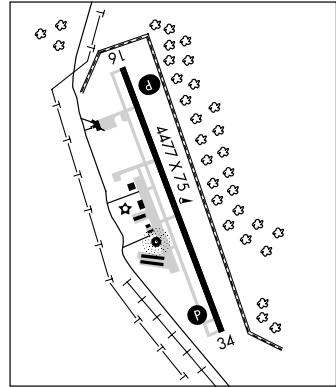
Ⓡ **PATUXENT APP/DEP CON** 121.0 (Mon-Fri 1200-0400Z†, Sat-Sun 1300-2300Z†, clsd holidays)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.9 (Mon-Fri 0400-1200Z†, Sat-Sun 2300-1300Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27' W76°24.01' 059° 23.1 NM to fld. 20/10W.

NDB (MHW) 355 CGE N38°32.23' W76°01.83' at fld.

**CARROLL CO RGNL/JACK B POAGE FLD** (See WESTMINSTER)**CECIL CO** (See ELKTON)**CHURCHVILLE****HARFORD CO** (ØW3) 3 E UTC-5(-4DT) N39°34.01' W76°12.15'

WASHINGTON

409 B S4 FUEL 100LL NOTAM FILE DCA

L-29E, 34F, 36I, A

RWY 10-28: H2000X40 (ASPH) LIRL (NSTD) 1.4% up W

IAP

RWY 10: REIL. RWY 28: REIL. Thld dsplcd 100'. Trees.

RWY 01-19: 2000X75 (TURF) 0.5% up S

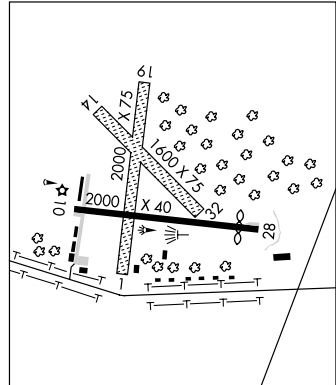
RWY 19: Trees.

RWY 14-32: 1600X75 (TURF)

AIRPORT REMARKS: Attended 1300Z†-dusk. Rwy 01-19 CLOSED Nov 15-Apr 30 except PPR call 410-836-2828. Extensive glider ops on turf fldg area. Birds/wildlife on and invof arpt. Glider activity on and invof arpt. Rwy 10-28 NSTD LIRL, no dsplcd thld lgts. Arpt lgts opr dusk-0600Z†. Rwy 01-19 ends marked with barrels.

COMMUNICATIONS: CTAF/UNICOM 122.8**POTOMAC APP/DEP CON** 125.525**RADIO AIDS TO NAVIGATION:** NOTAM FILE ILG.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' 267° 28.4 NM to fld. 70/10W.

**CLEARVIEW AIRPARK** (See WESTMINSTER)

CLINTON

WASHINGTON EXECUTIVE/HYDE FLD

(W32) 2 SW UTC-5(-4DT) N38°44.90' W76°55.97'

WASHINGTON
COPTER

249 B S4 FUEL 100LL JET A TPA-1049(800) NOTAM FILE DCA

L-29E, 34F, 36I, A

RWY 05-23: H3000X60 (ASPH) LIRL

IAP

RWY 05: REIL. APAP(PN1L)—GA 3.5° TCH 19'. Trees.

RWY 23: APAP(PN1L)—GA 4.0° TCH 43'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1100-0100Z†, Sat-Sun

1300-2300Z†. Self serve credit card fueling avbl 24 hrs.

Compliance with SFAR 94 is rqr before pilots may opr to/from this arpt. Rwy 05-23—no line of sight between rwy ends. Birds and wildlife on and invof arpt. Rwy 05-23 have soft shoulders, acft remain on hard surface. Soft shoulders all taxiways. No practice tkf/lbg 0300-1200Z†. Rgt tfc pattern for helicopters—849(600) pattern altitude. UNICOM unmonitored.

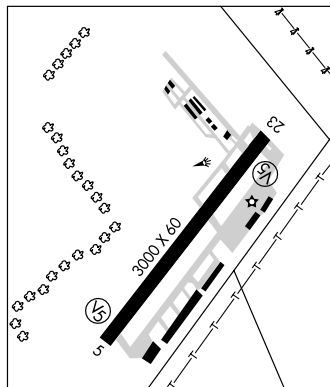
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 124.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WASHINGTON (L) VORW/DME 111.0 DCA Chan 47 N38°51.57'

W77°02.19' 153° 8.3 NM to fld. 9/09W.



COLLEGE PARK

(CGS) 1 E UTC-5(-4DT) N38°58.84' W76°55.34'

WASHINGTON
COPTER

48 B FUEL 100LL TPA-1048(1000) NOTAM FILE CGS

L-29E, 34F, 36I, A

RWY 15-33: H2607X60 (ASPH) MIRL 0.4% up NW

IAP

RWY 15: REIL. APAP(PN1L)—GA 5.0° TCH 40'. Thld dsplcd 416'. Trees.

RWY 33: REIL. APAP(PN1L)—GA 5.0° TCH 36'. Thld dsplcd 201'. Trees.

AIRPORT REMARKS: Attended 1200-0300Z†. Deer on and invof arpt

ngts. Compliance with SFAR 94 is rqr before pilots may opr to/from this arpt. Two cranes 233' AGL 1 NM NW of AER 15 unlighted. AER 15 heavy smoke and firefighting training ops intermittently in progress. No student touch and go lbg or solo ops permitted. MIRL Rwy 15-33; APAP Rwy 15 and 33; REIL Rwy 15 and 33 opr med ints only dusk-0300Z†; after 0300Z†

ACTIVATE—CTAF (Med ints only). Category 1 acft only; no acft over 8500 lbs manufacturer gross weight; helicopters only with 24 hr PPR—call arpt manager 301-864-5844. No tkfs 0300-1200Z†; lbg only. Noise abatement procedures in effect ctc arpt manager 301-864-5844.

WEATHER DATA SOURCES: AWOS-3 121.225 (301) 864-5497.

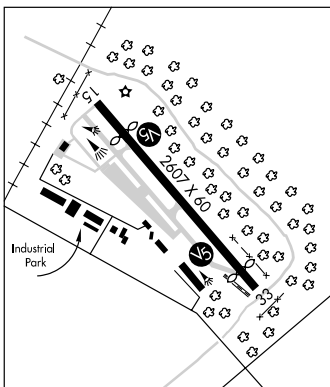
COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ POTOMAC APP/DEP CON 119.85

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26'

W76°39.68' 238° 16.7 NM to fld. 140/11W.



CRISFIELD MUNI

(W41) 3 NE UTC-5(-4DT) N38°01.06' W75°49.67'

WASHINGTON
L-34F, 36I

4 B FUEL 100LL NOTAM FILE DCA

IAP

RWY 06-24: 3280X120 (TURF)

RWY 06: Thld dsplcd 1167'. Trees. RWY 24: Trees.

RWY 14-32: H2490X75 (ASPH) S-12 MIRL

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 39'. RWY 32: REIL. PAPI(P2L)—GA 3.25° TCH 33'. Trees.

AIRPORT REMARKS: Attended 1330-2130Z†. Birds and wildlife on and invof arpt. ACTIVATE MIRL Rwy 14-32, REIL Rwy 14 and 32—CTAF. Turf areas of arpt may be soft. Rwy 06-24 ends and edges marked with cones, Rwy 06 dsplcd thld marked with 3 cones each side.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ PATUXENT APP/DEP CON 127.95 (Mon-Fri 1200-0400Z†, Sat-Sun 1300-2300Z†, clsd holidays)

WASHINGTON CENTER APP/DEP 132.55 (Mon-Fri 0400-1200Z†, Sat-Sun 2300-1300Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SNOW HILL (L) VORTAC 112.4 SWL Chan 71 N38°03.40' W75°27.84' 270° 17.4 NM to fld. 40/08W.

CUMBERLAND N39°38.89' W78°44.83' NOTAM FILE EKN.
NDB (MHW) 317 CBE 206° 2.1 NM to Greater Cumberland Rgnl.

WASHINGTON
 L-290

CUMBERLAND

GREATER CUMBERLAND RGNL (CBE) 2 S UTC-5(-4DT) N39°36.92' W78°45.71'

WASHINGTON

775 B S4 FUEL 100LL, JET A OX 1,2,3,4 TPA-1799(1024) NOTAM FILE EKN

H-10H, 12I, L-290

RWY 05-23: H5048X150 (ASPH-GRVD) S-38, D-52 HIRL 1.1% up NE

IAP

RWY 05: Trees. Rgt tfc.

RWY 23: REIL. PAPI(P4L)-GA 3.0°. TCH 35'. Trees.

RWY 11-29: H3341X150 (ASPH) S-12 LIRL

RWY 11: Thld dsplcd 899'. Hiil.

AIRPORT REMARKS: Attended 1130-0100Z†. Bottle oxygen avbl from 1130-2000Z† Mon-Fri by prior arrangement-call 304-738-0002 ext 11. Bulk oxygen avbl from 1130-2000Z† Mon-Fri by prior arrangement-call 304-738-0002 ext 11. Glider ops W of arpt use Rwy 11 for dep; Rwy 29 for arrival. Rwy 05 apch has rapidly rising terrain 696' left, 2000' from thld. Rwy 11 ngt ops and any lds not recommended due to high terrain. Deer /birds on and invof arpt. Numerous areas along Rwy 05-23 and Rwy 11-29 with grass growth from pavement cracks. Rwy 23 REIL OTS indef. **ACTIVATE HIRL** Rwy 05-23, **LIRL** Rwy 11-29, **REIL** Rwy 23 and twy lgs-CTAF. Rotating bcn located off arpt. Rwy 23 900 ft twy aligned with rwy west end.

WEATHER DATA SOURCES: AWOS-3 128.625 (304) 738-0451.

Temperature and dewpoint not avbl.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.35 (ELKINS RADIO)

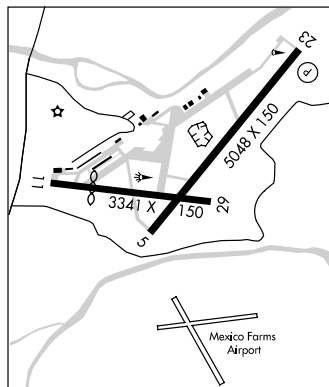
CLEVELAND CENTER APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

GRANTSVILLE (L) VOR/DME 112.3 GRV Chan 70 N39°38.10' W79°03.03' 101° 13.4 NM to fld. 2640/06W.

CUMBERLAND NDB (MHW) 317 CBE N39°38.89' W78°44.83' 206° 2.1 NM to fld.

ILS/DME 110.5 I-CBE Chan 42 Rwy 23. LOC only. DME unusable byd 22 degrees left side of course byd 10 NM blo 3500 ft.



MEXICO FARMS (1W3) 3 S UTC-5(-4DT) N39°36.32' W78°45.65'.

WASHINGTON

607 TPA-1407(800) NOTAM FILE EKN

RWY 16-34: 2100X195 (TURF)

RWY 16: Brush.

RWY 34: Thld dsplcd 800'. Tree.

RWY 09-27: 2120X190 (TURF) LIRL

RWY 09: Trees. Rgt tfc.

RWY 27: Thld dsplcd 340'. Trees.

AIRPORT REMARKS: Unattended. Rwy 16-34 CLOSED indef. Ultralight activity on and invof arpt. Wildlife on and invof arpt. Rising terrain 4500 ft west of arpt. Rwy 09-27, and 16-34 may be soft. Rwy 27 dsplcd thld marked with cones on both sides. **ACTIVATE LIRL** Rwy 09-27-122.7.

COMMUNICATIONS: CTAF/UNICOM 122.8

DAVIS (See LAYTONSVILLE)

EASTON/NEWMAM FLD (ESN) 2 N UTC-5(-4DT) N38°48.25' W76°04.14'
 72 B S4 FUEL 100LL, JET A OX 4 TPA—See Remarks NOTAM FILE ESN
 RWY 04-22: H5500X100 (ASPH-GRVD) S-40, D-60, DT-100 MIRL 0.7% up NE

WASHINGTON
 H-101, 121, L-34F, 361, A
 IAP, AD

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.
 RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld displcd 325'. Pole.
 Rgt tfc.

RWY 15-33: H4003X100 (ASPH) S-40, D-60,
 DT-100 MIRL 0.5% up SE

RWY 15: REIL. PAPI(P2L)—GA 3.5° TCH 45'. Trees.
 RWY 33: REIL. PAPI(P2L)—GA 3.5° TCH 45'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-5500 TODA-5500 ASDA-4775 LDA-4775

RWY 22: TORA-5500 TODA-5500 ASDA-5500 LDA-5175

AIRPORT REMARKS: Attended 1300-dusk. Deer, birds and other wildlife on and in/ov arpt. PAEW west side Rwy 04-22 during dalgt. Noise abatement; Dep Rwy 22 avoid overflight of town of Easton, Dep Rwy 04 left turn at end of rwy to parallel Hwy 50 until past trailer park. TPA for jet acft 1598(1526), all other acft 1098(1026). Rwy 15-33 distance markers every 1000' west side of rwy. When twr clsd ACTIVATE MIRL Rwy 15-33 and HIRL Rwy 04-22 and REIL Rwy 04, Rwy 22, Rwy 15, and Rwy 33—CTAF. NOTE: See Special Notices—Easton, Maryland Noise Abatement Procedure.

WEATHER DATA SOURCES: AWOS-3 124.475 (410) 822-2817.

COMMUNICATIONS: CTAF 118.525 ATIS 124.475 UNICOM 122.95

Ⓡ POTOMAC APP/DEP CON 124.55 POTOMAC CLNC DEL 126.9 When twr clsd.

TOWER 118.525 (1100-0300Z±) GND CON 119.075 CLNC DEL 119.075

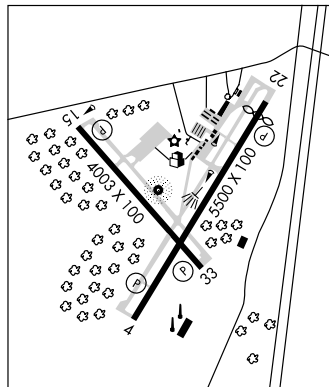
AIRSPACE: CLASS D svc (1100-0300Z±) other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27' W76°24.01' 037° 34.7 NM to fld 20/10W.

NDB (MHW) 212 ESN N38°48.29' W76°04.16' at fld.

ILS/DME 109.35 I-FGH Chan 30Y Rwy 04.



ELDERSBURG

HOBY WOLF (1W5) 1E UTC-5(-4DT) N39°24.48' W76°55.65'

WASHINGTON
 COPTER

600 S2 NOTAM FILE DCA

RWY 02-20: 2000X60 (TURF)

RWY 02: Trees. RWY 20: Trees.

AIRPORT REMARKS: Attended continuously. Birds and wildlife on and in/ov arpt. Unlimited vehicle access to acft movement areas private road crossing Rwy 02 75 ft byd thld. Rwy 02-20 land on Rwy 20 tkf Rwy 02. Rwy 02-20 has up and down slopes with undulations: Ldg-first 535' has a 3° upslope and next 315' has 2° downslope, rest of rwy has 4½' upslope to road.

COMMUNICATIONS: CTAF 122.9

ELKTON

CECIL CO (58M) 3 SW UTC-5(-4DT) N39°34.45' W75°52.19'

WASHINGTON
 L-34G, A
 IAP

106 B S4 FUEL 100LL, JET A NOTAM FILE DCA

RWY 13-31: H2987X70 (ASPH) MIRL 1.5% up NW

RWY 13: REIL. PAPI(P2R)—GA 5.0° TCH 6'. Thld displcd 288'. Trees.

RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 6'. Thld displcd 602'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. CAUTION—Deer and birds on and in vicinity of arpt. PAEW due to major construction on rwy and other locations on the arpt, for more information ctc arpt manager 410-398-8594. Reduced braking action Rwy 13 downhill 1.5°. Calm/light wind use Rwy 31. Rwy 13-31 no touch and go lds. ACTIVATE rotating bc—123.0. ACTIVATE MIRL Rwy 13-31 and REIL Rwy 13 and 31 and PAPI Rwy 31—123.0.

COMMUNICATIONS: CTAF/UNICOM 122.8

PHILADELPHIA APP/DEP CON 118.35

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90' W75°30.96' 330° 26.3 NM to fld. 10/09W.

ELLICOTT N39°17.24' W76°46.62' NOTAM FILE BWI.

WASHINGTON
 COPTER
 L-29E, 34F, 361, A

NDB (MHW) 371 FND 154° 8.4 NM to Baltimore/Washington Intl. Thurgood Marshall.

Unusable 140°-320° byd 12 NM blo 10,500'

ESSEX SKYPARK (See BALTIMORE)

FALLSTON (W42) 1 S UTC-5(-4DT) N39°30.08' W76°24.68'

WASHINGTON

460 FUEL 100LL NOTAM FILE DCA

COPTER

RWY 04-22: H2200X50 (ASPH) S-12 LIRL(NSTD)

RWY 04: Trees.

RWY 22: Trees.

AIRPORT REMARKS: Attended 1400Z±-dusk. Arpt unattended Thanksgiving and Christmas. Arpt CLOSED

dusk-1400Z±. Deer and wildlife on and in/ov arpt. Rwy 04-22 NSTD LIRL only one thld lgt each side. NSTD LIRL avbl to based acft with prior notice. For NSTD LIRL Rwy 04-22 ctc arpt manager 410-877-9889.

COMMUNICATIONS: CTAF 122.9**FORT MEADE (ODENTON)****TIPTON** (FME) 1 SW UTC-5(-4DT) N39°05.12' W76°45.57'

WASHINGTON

150 B S8 FUEL 100LL, JET A TPA-1000(850) NOTAM FILE FME Not insp.

COPTER

RWY 10-28: H3000X75 (ASPH) MIRL 1.2% up E

L-29E, 34F, 36I, A

RWY 10: REIL. PAPI(P2L)—GA 4.0° TCH 51'. Rgt tfc. Trees.

IAP

RWY 28: REIL. PAPI (P2L)—GA 4.0° TCH 57'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1330-2300Z±, Sat-Sun 1400-2300Z±. Deer on rwys and twys. Be alert for numerous BWI turbojet arrivals/departures in the area. Fly tfc pattern south of the fld to avoid BWI Class B Airspace. Remain clear of BWI Class B Airspace until clnc is obtained. PAEW adjacent all twys and Rwy 10-28 indef. PAPI Rwy 10 unusable 8° left and right of course. Rwy 28 PAPI unusable 5° left (trees) and 8° right of course. ACTIVATE MIRL Rwy 10-28—CTAF.**WEATHER DATA SOURCES:** AWOS-3 123.925**COMMUNICATIONS:** CTAF/UNICOM 123.05

POTOMAC APP/DEP CON 119.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26' W76°39.68' 233° 6.9 NM to fld. 140/11W.

ANNE ARUNDEL NDB (MHW) 260 BUH N39°05.04' W76°45.60' at fld. SHUTDOWN.

FREDERICK MUNI (FDK) 0 E UTC-5(-4DT) N39°25.06' W77°22.46'

WASHINGTON

303 B S4 FUEL 100LL, JET A OX 3, 4 TPA—See Remarks NOTAM FILE FDK H-10H, 12I, L-29E, 34F, A

RWY 05-23: H5220X100 (ASPH-GRVD) S-60 HIRL 0.4% up SW

IAP, AD

RWY 05: REIL. PAPI(P4L). Bldg. Rgt tfc.

RWY 23: REIL. ODALS. PAPI(P4L). Trees.

RWY 12-30: H3600X75 (ASPH) MIRL 0.4% up NW

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees. Rgt tfc.

RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 36'. Trees.

AIRPORT REMARKS: Attended 1130-0200Z±. Arpt unattended Christmas Day. -15' depression AER 23 246' left of centerline parallel to rwy 400' long. During winter months rwys may be CLOSED individually for snow plowing. All non-radio acft operating in/ov arpt recommended to use a hand-held transceiver and follow standard CTAF ops procedures. Glider ops from paved rwys daily 1300Z±-dusk. TPA 1303(1000) single and lgt twins; 1803 (1500) large twins. ACTIVATE HIRL Rwy 05-23, MIRL Rwy 12-30, REIL Rwy 05, Rwy 23, Rwy 12, and Rwy 30, ODALS Rwy 23, and PAPI Rwy 05 and Rwy 23—CTAF.**WEATHER DATA SOURCES:** AWOS-3 124.875 (301) 600-1457.**COMMUNICATIONS:** CTAF/UNICOM 122.725

RCO 122.1R 109.0T (LEESBURG RADIO)

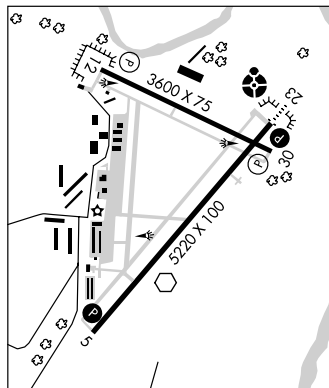
① POTOMAC APP/DEP CON 125.525 POTOMAC CLNC DEL 126.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70' W76°58.72' 264° 19.0 NM to fld. 820/08W. HIWAS.

(T) VOR 109.0 FDK N39°24.73' W77°22.51' at fld.

ILS 110.3 I-FDK Rwy 23.

**FREEWAY** (See MITCHELLVILLE)

FRIENDLY

POTOMAC AIRFIELD (VKX) 00 NE UTC-5(-4DT) N38°44.92' W76°57.36'

WASHINGTON

118 B S4 FUEL 100LL NOTAM FILE DCA

COPTER

RWY 06-24: H2665X40 (ASPH-AFSC) MIRL 0.3% up NE

L-29E, 34F, 36I, A

RWY 06: REIL. APAP (PNIR)—GA 5.0° TCH 38'. Thld dsplcd 385'. Trees.

IAP

RWY 24: REIL. APAP (PNIL)—GA 5.5° TCH 49'. Thld dsplcd 84'.

Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1200-0300Z+. Compliance with SFAR 94 is req before pilots may opr to/from this arpt. Arpt within Flight Restricted Zone. Expect 24 hr security from police, military and others on the ground and in the air. Unlimited vehicle access to acft movement areas. Noise abatement procedures: avoid takeoff 0300-1200Z+. Rotating bcn located 1000' N of arpt. Visitors please tune 122.85 for parking instructions and gnd svcs.

ACTIVATE REIL Rwy 06 and Rwy 24—CTAF.

WEATHER DATA SOURCES: AWOS-A 122.8 (617) 262-3825. OTS indef.

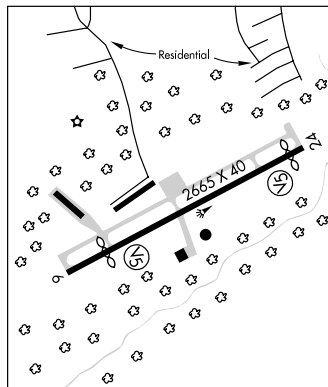
COMMUNICATIONS: CTAF/AUNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 125.65

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

ANDREWS (L) VORTACW 113.1 ADW Chan 78 N38°48.43'

W76°51.98' 240° 5.5 NM to fld. 260/10W.



GAITHERSBURG N39°10.18' W77°09.96' NOTAM FILE DCA.

WASHINGTON

NDB (MHW) 385 GAI at Montgomery Co Airpark. Unusable 040°-130° byd 20 NM.

L-29E, 34F, 36I, A

GAITHERSBURG

MONTGOMERY CO AIRPARK (GAI) 3 NE UTC-5(-4DT) N39°10.10' W77°09.96'

WASHINGTON

539 B S6 FUEL 100LL, JET A OX 4 TPA—See Remarks NOTAM FILE DCA

L-29E, 34F, 36I, A

RWY 14-32: H4202X75 (ASPH) MIRL 1.1% up SE

IAP

RWY 14: REIL. VASI(V4L). Trees.

RWY 32: REIL. Bldg. Rgt tfc.

AIRPORT REMARKS: Attended 1300-0100Z+. Fuel avbl 1300-0100Z+, request on 122.85. Deer and birds on and invof arpt. Be alert SFRA procedures in effect. Preferred calm wind Rwy 14. Arpt not recommended for acft with wing spans in excess of 79' and gross weight in excess of 48,000 lbs. 30' downslope 75' left and right of centerline at thld to 150' both sides. South ramp not recommended for acft with wingspan greater than 79' or weight greater than 40,000 lbs. Noise abatement depart Rwy 32 turn rgt to at least 340°, jets refrain from Rwy 32 tkf between 0400-1200Z+. Helicopters refrain from air taxi over paved parking ramps. TPA—1539(1000), turbine and jet acft 2039(1500), helicopter 1339(800). ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF.

WEATHER DATA SOURCES: AWOS-3 128.275 (301) 977-2971.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ POTOMAC APP/DEP CON 128.7 POTOMAC CLNC DEL 121.6

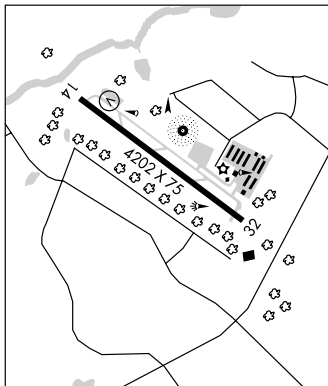
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08' W77°28.00' 053° 19.9 NM to fld. 297/08W.

FREDERICK (T) VOR 109.0 FDK N39°24.73' W77°22.51' 154° 17.6 NM to fld. NOTAM FILE DCA.

GAITHERSBURG NDB (MHW) 385 GAI N39°10.18' W77°09.96' at fld. NOTAM FILE DCA.

Unusable 040°-130° byd 20 NM.



GARRETT CO (See OAKLAND)

GRANTSVILLE N39°38.10' W79°03.03' NOTAM FILE EKN.

CINCINNATI

(L) VOR/DME 112.3 GRV Chan 70 262° 13.8 NM to Garrett Co. 2640/06W.

L-29D

DME unusable 071°-306° byd 20 NM blo 6000', 108°-113° byd 38 NM, 307°-070° byd 20NM blo 5000', 325°-345° bdy 35 NM.

RCO 121.1R 112.3T (ELKINS RADIO)

GREATER CUMBERLAND RGNL (See CUMBERLAND)**HAGERSTOWN RGNL—RICHARD A HENSON FLD** (HGR) 4 N UTC-5(-4DT)

WASHINGTON

N39°42.51' W77°43.59'

H-10H, 12I, L-29D, A

703 B S4 FUEL 100LL, JET A, JET A2 OX 1, 2, 3, 4 Class I, ARFF Index B

IAP, AD

NOTAM FILE HGR

Rwy 09-27: H7000X150 (ASPH-GRVD) S-100, D-150, ST-175, DT-250 HIRL 0.3% up E**Rwy 09:** REIL. PAPI(P4L)—GA 3.0° TCH 55'.**Rwy 27:** MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 55'.**Rwy 02-20:** H3160X100 (ASPH) S-80, D-100, ST-127, DT-170 MIRL 0.4% up N**Rwy 02:** REIL. PAPI(P2L)—GA 4.0° TCH 51'. Pole.**Rwy 20:** REIL. PAPI(P2L)—GA 4.0° TCH 33'. Building.**AIRPORT REMARKS:** Attended 1000-0300Z†. Fuel available

1000-0300Z†; call 301-791-9119. DOD contract fuel avbl. Birds on and invof arpt. Low level military acft 10 NM north on VR708 opr east to west. Ultralgt activity 12 NM east to 5000' MSL. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 240-313-2777. Index C coverage is provided for scheduled air carrier ops with more than 30 passenger seats. Twys Lima, and Papa are not available for air carrier ops. ACTIVATE MALSR Rwy 09-121.7. When twr clsd ACTIVATE MIRL Rwy 02-20, HIRL Rwy 09-27, MALSR Rwy 27, REIL Rwy 02, Rwy 09, Rwy 20, and Rwy 27—CTAF. HIRL Rwy 09-27 preset low ints dusk-dawn. Ldg fee.

WEATHER DATA SOURCES: ASOS 126.375 (301) 745-3497.**COMMUNICATIONS:** CTAF 120.3 UNICOM 122.95**HAGERSTOWN RCO** 122.1R 109.8T (LEESBURG RADIO)**① WASHINGTON CENTER APP/DEP CON** 134.15**HAGERSTOWN TOWER** 120.3 (Apr-Sep 1200-0300Z† Oct-Mar 1200-0100Z†) **GND CON** 120.8**AIRSPACE:** CLASS D svc Apr-Sep 1200-0300Z† Oct-Mar 1200-0100Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**ST THOMAS (L) VORTAC** 115.0 THS Chan 97 N39°55.99' W77°57.06' 149° 17.0 NM to fld. 2340/07W.**HAGERSTOWN (L) VOR** 109.8 HGR N39°41.86' W77°51.34' 091° 6.0 NM to fld. NOTAM FILE HGR.

VOR unusable:

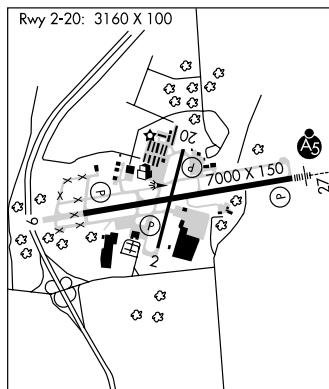
251°-280° byd 10 NM

351°-050°

281°-300° byd 24 NM blo 8000'

ILS/DME 111.9 I-HGR Chan 56 Rwy 27. Class IE. ILS unavbl when twr clsd.

ILS/DME 111.9 I-UYK Chan 56 Rwy 09.

**HARFORD CO** (See CHURCHVILLE)**HAVRE DE GRACE SPB** (M06) 1 E UTC-5(-4DT) N39°32.49' W76°04.18'

WASHINGTON

00 S1 NOTAM FILE DCA

WATERWAY N-S: 8000X200 (WATER)**WATERWAY S:** Bridges.**WATERWAY E-W:** 8000X200 (WATER)**WATERWAY E:** Bridges.**SEAPLANE REMARKS:** Attended May-Nov dawn-dusk. Birds on and invof arpt. Major ultralgt repairs and svcs. May-Nov floating dock fully extended for local and transient acft storage.**COMMUNICATIONS:** CTAF/UNICOM 123.00**HOBY WOLF** (See ELDERSBURG)

INDIAN HEAD**MARYLAND**

(2W5) 4 E UTC-5(-4DT) N38°36.03' W77°04.38'
 170 S4 FUEL 100LL JET A TPA-1000(830) NOTAM FILE DCA
Rwy 18-36: H3000X50 (ASPH) LIRL 0.5% up N
Rwy 18: Trees. **Rwy 36:** Trees.
Rwy 02-20: 1860X100 (TURF)
Rwy 02: Trees. **Rwy 20:** Trees.

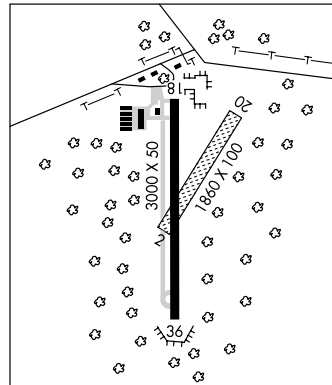
AIRPORT REMARKS: Attended 1300Z-dusk. Arpt unattended Thanksgiving, Christmas and New Years Day. CLOSED to transit acft when arpt is unattended. Airport CLOSED nights. Birds and wildlife on and invof arpt. Rwy 36 has 35' dropoff 100' out. Rwy lgts opr dusk-0300Z LIRL Rwy 18-36 avbl after 0300Z on emergency basis only call 301-375-7606. Rwy 02-20 perimeter marked with yellow tires.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 119.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NOTTINGHAM (L) VORTAC 113.7 OTT Chan 84 N38°42.35'
 W76°44.69' 258° 16.7 NM to fld. 210/10W. HIWAS.



WASHINGTON
 COPTER
 L-29E, 34E, 36I, A
 IAP

KENTMORR AIRPARK (See STEVENSVILLE)

KIRBE N38°42.05' W76°52.21' NOTAM FILE ADW.
 NDB (LOM) 360 RW 011° 6.6 NM to Andrews AFB.

WASHINGTON

LANDY N38°21.76' W75°11.87' NOTAM FILE OXB.
 NDB (MHW/LOM) 407 OX 144° 4.7 NM to Ocean City Muni. Unmonitored.

WASHINGTON
 L-34F, 36J, A

LAUREL

SUBURBAN (W18) 2 SE UTC-5(-4DT) N39°04.62' W76°49.68'
 148 B S2 FUEL 100LL TPA-1000(852) NOTAM FILE DCA
Rwy 03-21: H2324X40 (ASPH) LIRL 0.9% up NE
Rwy 03: APAP(PNIL)—GA 6.0° TCH 25'. Thld dsplcd 178'. Tree.
Rwy 21: APAP(PNIL)—GA 6.0° TCH 31'. Trees.

WASHINGTON
 COPTER

AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Ultralight acft prohibited. For rotating bcn during hours of attendance call 301-490-7580. ACTIVATE LIRL Rwy 03-21 and APAP Rwy 03 and Rwy 21—CTAF. No touch and go landings/intersection tkfs authorized. Fee for overnight transits.

COMMUNICATIONS: CTAF/UNICOM 123.05

LAYTONSVILLE

DAVIS (W50) 3 N UTC-5(-4DT) N39°14.61' W77°09.02'
 630 S2 NOTAM FILE DCA
Rwy 08-26: H2005X25 (ASPH)

WASHINGTON

Rwy 08: APAP(PNIL)—GA 4.0° TCH 17'. Trees. **Rwy 26:** APAP(PNIL)—GA 5.0° TCH 18'. P-line.

AIRPORT REMARKS: Attended Mon-Fri dawn-dusk. Arpt CLOSED dusk-dawn. Birds and wildlife on and invof arpt.

COMMUNICATIONS: CTAF/UNICOM 122.8 Unicom unmonitored.

LEE (See ANNAPOLIS)

LEONARDTOWN

ST. MARY'S COUNTY RGNL (2W6) 4 NE UTC-5(-4DT) N38°18.92' W76°33.01'

WASHINGTON
L-29E, 34E, 36I, A
IAP

142 B S4 FUEL 100LL, JET A NOTAM FILE DCA
RWY 11-29: H4150X75 (ASPH) S-12.5 MIRL 0.4% up W
RWY 11: REIL. PAPI(P2L). Trees.
RWY 29: REIL. PAPI(P2L).

AIRPORT REMARKS: Attended 1300-2200Z. Deer on and in/ov Rwy 11-29 SS-SR. Glider and ultralight activity on and in/ov arpt. Rwy 29 15' depression (downslope) 300' from thld 150' right-125' left. ACTIVATE MIRL Rwy 11-29; REIL Rwy 11 and 29-CTAF.

WEATHER DATA SOURCES: AWOS-3 119.575 (301) 373-6514.

COMMUNICATIONS: CTAF/UNICOM 123.0

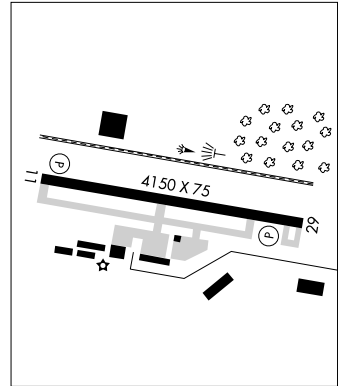
PATUXENT RCO 122.1R 117.6T (LEESBURG RADIO)

Ⓡ PATUXENT APP/DEP CON 121.0 (Mon-Fri 1200-0400Z, Sat-Sun 1300-2300Z, clsd holidays)

Ⓡ WASHINGTON CENTER APP/DEP CON 133.9 (Mon-Fri 0400-1200Z, Sat-Sun 2300-1300Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27' W76°24.01' 293° 7.3 NM to fld. 20/10W.



MARYLAND (See INDIAN HEAD)

MARTIN STATE (See BALTIMORE)

MASSEY AERODROME (MD1) 2 N UTC-5(-4DT) N39°17.96' W75°47.96'

WASHINGTON

73 NOTAM FILE DCA

RWY 02-20: 3000X200 (TURF)

RWY 20: Thld displcd 400'. Trees.

AIRPORT REMARKS: Attended dawn-dusk. Gliders, hang-gliders, powered parachutes, ultralight activity on and in/ov arpt.

COMMUNICATIONS: CTAF 122.9

MEXICO FARMS (See CUMBERLAND)

MITCHELLVILLE

FREEWAY (W00) 2 NW UTC-5(-4DT) N38°56.48' W76°46.34'

WASHINGTON

168 B S4 FUEL 100LL TPA-See Remarks NOTAM FILE DCA

COPTER
L-29E, 34F, 36I, A
IAP

RWY 18-36: H2420X40 (ASPH) MIRL 0.7% up N

RWY 18: PAPI(P2R)-GA 6.0' TCH 47'. Trees.

RWY 36: PAPI(P2L)-GA 5.5' TCH 26'. Thld displcd 230'. Trees. Rgt tfc.

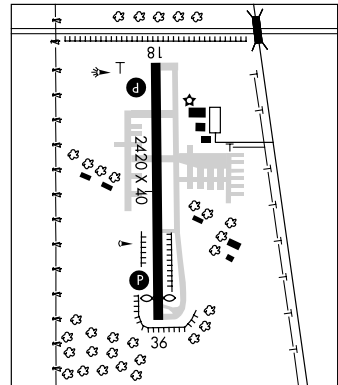
AIRPORT REMARKS: Attended 1300Z-dark Unattended major holidays. -15 ft drop 80 ft from AER 36. 7 ft drop 50 ft from apch to Rwy 18. Lgt'd antenna 135' AGL 600' NW AER 18. Standard Instrument App Procedures for Freeway Arpt are authorized to penetrate the Washington D. C. Flight Restricted Zone under the following provisions: only FAR Parts 91 and 135 operators authorized. No practice apchs. TPA-1000 (832) for acft less than 4000 lbs max gross weight; TPA-1200 (1032) for acft greater than 4000 lbs. ACTIVATE MIRL Rwy 18-36 and PAPI Rwy 18 and Rwy 36-CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ POTOMAC APP/DEP CON 119.3

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NOTTINGHAM (L) VORTAC 113.7 OTT Chan 84 N38°42.35' W76°44.69' 005° 14.2 NM to fld. 210/10W. HIWAS.



MONTGOMERY CO AIRPARK (See GAITHERSBURG)

NOTTINGHAM N38°42.35' W76°44.69' NOTAM FILE DCA.(L) **VORTAC** 113.7 OTT Chan 84 328° 8.5 NM to Andrews AFB.210/10W. **HIWAS.**

VOR portion unusable

072°-234° blo 10000'

072°-138° blo 6000'

139°-234° blo 10000'

DME portion unusable:

260°-030° byd 20 NM blo 3000'

031°-050° byd 20 NM blo 4000'

051°-065° byd 20 NM blo 5000'

VORTAC unusable

087°-143° byd 36 NM

123°-143° byd 20 NM blo 6000'

123°-143° byd 32 NM blo 7000'

144°-180° byd 20 NM blo 5000'

RCO 122.1R 113.7T (LEESBURG RADIO)**WASHINGTON****COPTER**

H-10H, 12I, L-29E, 34F, 36I, A

066°-076° byd 20 NM blo 3000' and byd

32 NM blo 5000'

077°-086° byd 20 NM blo 5000'

087°-122° byd 20 NM blo 7000'

181°-259° byd 20 NM blo 2500'

184° byd 40 NM blo 17,500'

184° byd 75 NM blo FL310

OAKLAND**GARRETT CO** (2G4) 13 NE UTC-5(-4DT) N39°34.85' W79°20.16'2933 B S2 **FUEL** 100LL, JET A+ TPA-3733(800) NOTAM FILE EKN**RWY 09-27:** H5000X75 (ASPH-GRVD) MIRL 1.1% up W**RWY 09:** REIL. PAPI(P4L)-GA 3.0° TCH 44'. Trees.**RWY 27:** REIL. PAPI(P4R)-GA 3.0° TCH 45'. Trees.**AIRPORT REMARKS:** Attended 1400-2300Z+. Wildlife on and in/ovf arpt.

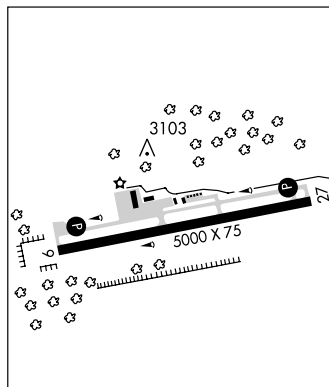
ACTIVATE MIRL Rwy 09-27 and PAPI Rwy 09 and Rwy 27-CTAF.

WEATHER DATA SOURCES: AWOS-3 120.125 (301) 746-8443.**COMMUNICATIONS:** CTAF/UNICOM 123.0**GRANTSVILLE RCO** 122.1R 112.3T (ELKINS RADIO)**CLEVELAND CENTER APP/DEP CON** 124.4**RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.**GRANTSVILLE (L) VOR/DME** 112.3 GRV Chan 70 N39°38.10'

W79°03.03' 262° 13.8 NM to fld. 2640/06W.

CINCINNATI

H-10H, 12H, L-29C

IAP

OCEAN CITY MUNI (OXB) 2 SW UTC-5(-4DT) N38°18.63' W75°07.44'

WASHINGTON

11 B S4 FUEL 100LL, JET A NOTAM FILE OXB

L-361, A

RWY 14-32: H4072X75 (ASPH-CONC) S-20 MIRL

IAP

RWY 14: VASI(V4L)—GA 3.0° TCH 34'. Trees.

RWY 32: VASI(V4L)—GA 3.0° TCH 27'.

RWY 02-20: H3201X75 (ASPH-CONC) MIRL

RWY 02: Trees.

RWY 20: Trees.

AIRPORT REMARKS: Attended Oct-Apr 1300-2200Z†, May-Sept

1300-0100Z†. Arpt unattended Thanksgiving, Christmas and New Years Day. Parachute Jumping. Deer and birds on and invof arpt. Ultralight ops on and invof arpt. Trucks and vehicles crossing twy, north of hold block Rwy 02. ACTIVATE MIRL Rwy 14-32 and Rwy 02-20—CTAF.

WEATHER DATA SOURCES: ASOS 119.025 (410) 213-1530.

COMMUNICATIONS: CTAF/UNICOM 123.05

® **PATUXENT APP/DEP CON** 127.95 (Mon-Fri 1200-0400Z†, Sat-Sun 1300-2300Z†, clsd holidays)

CLNC DEL 121.75

WASHINGTON CENTER APP/DEP CON 132.55 (Mon-Fri 0400-1200Z†, Sat-Sun 2300-1300Z†)

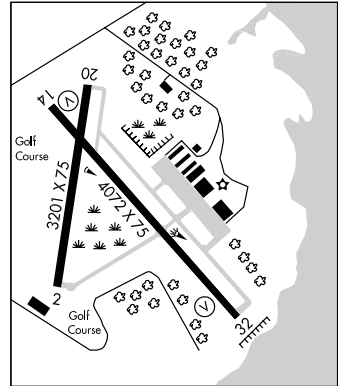
RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

SALISBURY (L) VORTAC 111.2 SBY Chan 49 N38°20.70'

W75°30.64' 108° 18.4 NM to fld. 50/12W.

LANDY NDB (MHW/LOM) 407 OX N38°21.76' W75°11.87' 144° 4.7 NM to fld. Unmonitored. NOTAM FILE OXB.

ILS 109.15 I-OXB Rwy 14. LOM LANDY NDB (LOC only).



PATUXENT RIVER NAS (TRAPNELL FLD) (NHH)(KNHK) N O N UTC-5(-4DT)

WASHINGTON

N38°17.16' W76°24.71'

H-101, 121, L-34E, 361, A
DIAP, AD

39 B TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 06-24: H11807X200 (ASPH) PCN 71 R/C/W/T HIRL CL

RWY 06: ALSF1. OLS. **RWY 24:** OLS.

RWY 14-32: H9742X200 (ASPH) PCN 73 R/B/W/T HIRL

RWY 14: OLS. **RWY 32:** OLS.

RWY 02-20: H5021X75 (ASPH) PCN 24 R/B/W/T

ARRESTING GEAR/SYSTEMS

RWY 06 HOOK E28(B) (2180')

HOOK E28(B) (1509') **RWY 24**

RWY 14 HOOK E28(B) (1280')

HOOK E28(B) (3061') **RWY 32**

MILITARY SERVICE: JASU (NCPP-105), (NC-8A), (NC-10C) **FUEL** 100LL, J8 J5 **FLUID** SP LHOX LOX

OIL O-128-133-148-156(Mil) **TRAN ALERT** Avbl Mon-Fri 1200-2300Z except holidays. Limited J8 tran fuel avbl.

MILITARY REMARKS: Opr 1200-0400Z, clsd holidays. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** PPR—no terminal facilities avbl. DSN 342-3836, C301-342-3836. Acft must make prior arrangement and receive PPR from host Squadron, or NAS Air Ops. Limited ramp space, and limited tran service avbl. **CAUTION** Stopping in restricted area on Twy A, W twy is prohibited. Portions of rwy, twy and acft ramps not visible from twr. First 1630' Rwy 32 may be clsd dayltg hours Mon-Sat during VFR. Buildings and equipment located near the AER 32. Deer and bird hazard. **TFC PAT** TPA—VFR initial at 4 DME (Rwy 32 at 3 DME) 2000(1961), break 1500(1461), downwind 1000(961). Reduced rwy separation standard in effect for local based USN/USMC acft. **NS ABTMT** Military acft maintain at least 1500' between 3 NM and 10 NM from 210° clockwise to 240°. No practice apch heavy acft Sat before 1500Z, Sun before 1700Z. Tran acft practice apch not to interfere basis. **CSTMS/AG/IMG** CSTMS/AG avbl 24 hr with 24 hr prior notice. IMG avbl 24 hr with 72 hr prior notice. Ctc AODO at DSN 342-3836, C301-342-3836. **MISC** Meteorological obsn and PMSV monitoring are not avbl 0400-1030Z daily. For forecast ctc NAFC at DSN 565-4555, C888-745-6899.

COMMUNICATIONS: SFA ATIS 276.25

RCD 117.6T 122.1R (LEESBURG RADIO)

Ⓡ **APP/DEP CON** 120.05 281.8 (165°-055° abv 3000') 121.0 250.3 (165°-055° 3000' and blo) 127.95 314.0 (056°-164°) (Mon-Fri 1200-0400Z, Sat-Sun 1300-2300Z, clsd holidays)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.9 281.4 (Mon-Fri 0400-1200Z, Sat-Sun 2300-1300Z).

TOWER 123.7 343.65 340.2X **GND CON** 120.6 336.4 **CLNC DEL** 135.2 384.4 **PMSV METRO** 356.2

BASE OPS 302.55

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(L) **VORTAC** 117.6 PXT Chan 123 N38°17.27' W76°24.01' at fld. 20/10W.

VOR portion unusable:

023° byd 10 NM blo 2,500'

240°-347° blo 2,000'

024°-174° byd 11 NM blo 2,500'

288°-298° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

348°-022° byd 11 NM blo 2,500'

TACAN azimuth unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

NDB (MHW) 400 NHH N38°17.16' W76°24.19' at fld. Unusable byd 10 NM. No NOTAM MP Wed 1300-1700Z.

ASR/PAR Mon-Fri 1200-0400Z, Sat-Sun 1300-2300Z

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

PHILLIPS AAF (ABERDEEN PROVING GROUND) (APG)(KAPG) A 2 S UTC-5(-4DT)

WASHINGTON

N39°27.97' W76°10.13'

H-101, 121, L-34F, 361, A

57 B NOTAM FILE DCA

Not insp.

DIAP

RWY 04-22: H7997X200 (ASPH) PCN 26 F/B/W/T HIRL

RWY 22: ODALS. PVASI(P SIL).

RWY 17-35: H5004X149 (ASPH) PCN 10 F/C/W/T

RWY 08-26: H4849X149 (ASPH) PCN 11 F/B/W/T

MILITARY SERVICE: LGT HIRL Rwy 04-22 PPR only. FUEL J8 OIL O-113-56(Mil)

MILITARY REMARKS: Opr Mon-Fri 1100-0200Z except holidays, other times PPR. Rwy 17-35 CLOSED permanently.

Rwy 08-26 CLOSED permanently. RSTD 24 hr PPR all acft. Tran acft ldg at any site other than arpt before SR or 1200Z, whichever is later or after SS is prohibited. DSN 298-3483/3074, C410-278-3483/3074. Rwy 08-26 limited to 25,000 lbs gross weight. Touch and go ldg prohibited while vehicle test in progress, low apch only. CAUTION Impact area 1200 yards south of Rwy 17-35. Deer hazard. Ctc twr 15 minutes prior to arr to arrange deer sweep. If twr clsd use extreme caution. NS ABTMT Noise sensitive area. Use Noise Abatement opr procedure. MISC.: ARFF protection not located on airfield.

COMMUNICATIONS: ATIS 108.4 (Mon-Fri 1100-0200Z, except holidays, other times PPR.)

⑧ POTOMAC APP/DEP CON 125.525 291.625

TOWER 126.15 229.6 241.0 (Mon-Fri 1100-0200Z, except holidays, other times PPR.) GND CON 121.9

AIRSPACE: CLASS D svc Mon-Fri 1100-0200Z except holidays, other times PPR, other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(T) VOR/DME 108.4 PPM Chan 21 N39°28.00' W76°10.26' at fld. 41/9W. Monitored arpt opr hrs.

VOR unusable:

130°-140° byd 10 NM

DME unusable:

010°-035° byd 20 NM blo 2,500'

VOR/DME unusable:

241°-279° byd 16 NM blo 4,500'

ABERDEEN NDB (MHW) 349 APG N39°32.11' W76°06.38' 226° 5.1 NM fld. Unmonitored Mon-Fri and holidays 2130-1230Z, other times PPR.

PIER 7 (See BALTIMORE)**POTOMAC AIRFIELD** (See FRIENDLY)**RIDGELY AIRPARK** (RJD) 2 NE UTC-5(-4DT) N38°58.21' W75°51.98'

WASHINGTON

64 B S4 FUEL 100LL, NOTAM FILE DCA

L-34F, 361, A

RWY 12-30: H3214X50 (ASPH) S-28, D-39 LIRL

IAP

RWY 12: REIL. Trees.

RWY 30: REIL. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1400-2130Z. Hang glider ops

on and invof arpt. Birds, deer and wildlife on and invof arpt.

Unlimited vehicle access to acft movement areas. Turf areas

adjacent to acft movement areas soft when wet. UNICOM

unmonitored. ACTIVATE LIRL Rwy 12-30 and REIL Rwy 12 and

30-CTAF.

WEATHER DATA SOURCES: AWOS-3 120.225 (410) 634-1072.

COMMUNICATIONS: CTAF/UNICOM 122.8

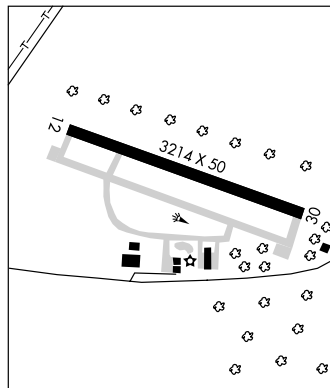
POTOMAC APP/DEP CON 124.55

DOVER APP/DEP CON 132.425 (RNAV/GPS Rwy 30)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90'

W75°30.96' 235° 22.7 NM to fld. 10/09W.

**ST. MARY'S COUNTY RGNL** (See LEONARDTOWN)

SALISBURY**BENNETT** (1N5) 4 NW UTC-5(-4DT) N38°24.76' W75°37.01'

WASHINGTON

42 B NOTAM FILE DCA

RWY 17-35: 3134X95 (TURF) LIRL

RWY 17: APAP(PNIR)—GA 4.0 TCH 23'. Thld dsplcd 237'. Road.

RWY 35: APAP(PNIR)—GA 5.0 TCH 52'. Thld dsplcd 741'. P-line.

RWY 08-26: 2270X95 (TURF)

RWY 08: Thld dsplcd 400'. Trees.

RWY 26: Thld dsplcd 300'. Road.

AIRPORT REMARKS: Attended dawn-dusk. Birds and wildlife on and in/ovf arpt. Ultralight activity on and in/ovf arpt. Arpt lgts opr dusk-0400Z. ACTIVATE LIRL Rwy 17-35—CTAF. Rwy 08-26 and Rwy 17-35 dsplcd thlds marked with lgts and cones. Minor powerplant repairs avbl.

COMMUNICATIONS: CTAF/UNICOM 122.8**SALISBURY-OCEAN CITY WICOMICO RGNL** (SBY) 4 SE UTC-5(-4DT)

WASHINGTON

N38°20.43' W75°30.62'

H-101, 121, L-34F, 361, A

52 B S4 FUEL 100LL, JET A TPA-1052 (1000) Class I, ARFF Index A

IAP, AD

NOTAM FILE SBY

RWY 14-32: H5500X100 (ASPH-CONC) S-34, D-115,

ST-146 HIRL

RWY 14: REIL. PAPI(4PL)—GA 3.0° TCH 45'. Tree.

RWY 32: MALSR.

RWY 05-23: H5000X100 (ASPH) S-30, D-65, ST-83 MIRL

RWY 05: REIL. VASI(V4L)—GA 3.0° TCH 39'. Tree.

RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 39'. Tree.

AIRPORT REMARKS: Attended 1230-2100Z. FBO hrs 1100-0200Z.

For svcs after hrs call 410-749-0323. Deer and birds on and in/ovf arpt. Rwy 14-32 asph section numerous cracks with weeds growing through. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager

410-548-4827. Numerous military training activity on and in/ovf arpt. Numerous cracks and spalling on Twy C between Twy E and Rwy 05. Numerous cracks and spalling on Twy E between Twy A and Rwy 05. Twy E clsd between Twy A and Rwy 05-23 exc for hangared acft. Rotating bcn obscured by trees in NW quadrant.

When twr clsd ACTIVATE MIRL Rwy 05-23; HIRL Rwy 14-32; REIL Rwy 05, Rwy 23, Rwy 14 and twy lgts—CTAF. ACTIVATE MALSR Rwy 32-122.95.

WEATHER DATA SOURCES: ASOS 118.325 (410) 341-0868.**COMMUNICATIONS:** CTAF 119.425 UNICOM 122.95

RCO 122.1R 111.2T (LEESBURG RADIO)

RCO 122.3 122.2 (LEESBURG RADIO)

Ⓡ **PATUXENT APP/DEP CON** 127.95 (Mon-Fri 1200-0400Z, Sat-Sun 1300-2300Z, clsd holidays) **CLNC DEL** 118.55 (0330-0400Z)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 132.55 (Mon-Fri 0400-1200Z, Sat-Sun 2300-1300Z)

TOWER 119.425 (1100-0330Z) **GND CON** 123.775 **CLNC DEL** 123.775 (1100-0330Z)**AIRSPACE:** CLASS D svc 1100-0330Z other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SBY.(L) **VORTAC** 111.2 SBY Chan 49 N38°20.70' W75°30.64' at fld. 50/12W.

VOR portion unusable:

315°-359° byd 13 NM

360°-026° byd 29 NM blo 5000'

027°-089° byd 13 NM blo 5000'

090°-110° byd 20 NM blo 5000'

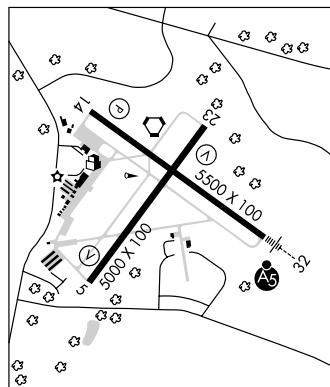
111°-113° byd 19 NM blo 5000'

114°-120° byd 16 NM blo 5000'

261°-285° blo 6000'

DME: unusable 009°-055° byd 30 NM.

ILS 108.7 I-SBY Rwy 32. Class IE.



SNOW HILL N38°03.40' W75°27.84' NOTAM FILE DCA.

WASHINGTON

(L) VORTAC 112.4 SWL Chan 71 187° 7.0 NM to NASA Wallops Flight Center.
40/08W.

H-101, 121, L-361

VOR portion unusable:

210°-225° byd 13 NM blo 4000'

265°-005° byd 20 NM blo 1500'

210°-225° byd 18 NM blo 6000'

005°-020° byd 25 NM blo 1500'

210°-225° byd 37 NM

020°-040° byd 20 NM blo 1700'

225°-265° byd 10 NM blo 2500'

040°-045° byd 10 NM blo 2000'

225°-265° byd 30 NM blo 9000'

RCO 122.6 122.1R 112.4T (LEESBURG RADIO)

STEVENSVILLE**BAY BRIDGE** (W29) 1 W UTC-5(-4DT) N38°58.58' W76°19.78'

WASHINGTON

15 B S4 FUEL 100LL, JET A TPA-1215(1200) NOTAM FILE W29

COPTER

RWY 11-29: H2903X60 (ASPH) MIRL 0.3% up E

L-29E, 34F, 36I, A

RWY 11: REIL. PAPI(P2L)-GA 3.0° TCH 38'.

IAP

RWY 29: REIL. PAPI(P2L)-GA 3.0° TCH 39'. Thld dsplcd 190'.

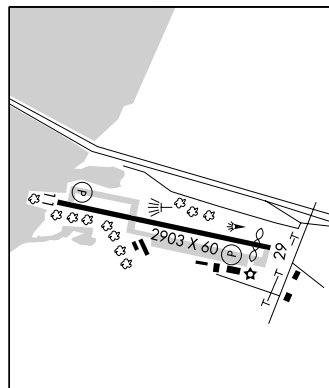
Road.

AIRPORT REMARKS: Attended 1330-2130Z+. Unattended Thanksgiving, Christmas and New Years. Touch and go ops prohibited. Birds, deer, and other wildlife on and invof arpt. Noise abatement procedures in effect ctc arpt manager 410-643-4364. Noise sensitive residential area south of arpt; enter downwind for Rwy 29 over water twr south of fld. ACTIVATE MIRL Rwy 11-29 and REIL Rwys 11 and 29-CTAF.**WEATHER DATA SOURCES:** AWOS-3 120.575 (410) 643-8795.**COMMUNICATIONS:** CTAF/UNICOM 123.0

(R) POTOMAC APP/DEP CON 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.**BALTIMORE (L) VORTAC** 115.1 BAL Chan 98 N39°10.26'

W76°39.68' 138° 19.4 NM to fld. 140/11W.

**KENTMORR AIRPARK** (3W3) 5 SW UTC-5(-4DT) N38°55.09' W76°21.53'

WASHINGTON

10 TPA-1000 (990) NOTAM FILE DCA

RWY 10-28: 2400X75 (TURF)

RWY 10: Thld dsplcd 200'. Trees.

RWY 28: Thld dsplcd 150'. Road.

AIRPORT REMARKS: Unattended. Numerous birds, deer, other wildlife on and invof arpt. No ngt ops. Unlimited vehicle access to acft movement areas. Rwy 10-28 may be soft and wet. Preferred calm wind Rwy 28, for noise abatement. Preferred 90° crosswind Rwy 28, for noise abatement. Rwy 10-28 dsplcd thlds marked with orange cones, N edge lined with blue reflectors. Helicopters requested to use standard tfc pattern. Taxi and park on north side of rwy.**COMMUNICATIONS:** CTAF 122.9**SUBURBAN** (See LAUREL)**TIPTON** (See FORT MEADE (ODENTON))**TRAPNELL FLD** (See PATUXENT RIVER NAS)**WASHINGTON DC NAF** (See ANDREWS AFB)**WASHINGTON EXECUTIVE/HYDE FIELD** (See CLINTON)**WESTMINSTER** N39°29.70' W76°58.72' NOTAM FILE DCA.

WASHINGTON

(H) VORTAC 117.9 EMI Chan 126 235° 2.5 NM to Clearview Airpark. 820/08W.

COPTER

HIWAS.

H-10H, 121, L-29E, 34F, 36I, A

VOR portion unusable:

301°-334° blo 5500'

128°-161° byd 20 NM blo 6500'

DME unusable 281°-055° byd 35 NM blo 3000'.

RCO 122.1R 117.9T (LEESBURG RADIO)

WESTMINSTER**CARROLL CO RGNL/JACK B POAGE FLD**

(DMW) 3 N UTC-5(-4DT) N39°36.50' W77°00.46' WASHINGTON
 789 B S4 FUEL 100LL, JET A OX 3,4 TPA—(See Remarks) NOTAM FILE DMW H-10H, 121, L-29E, 34F, A
 RWY 16-34: H5100X100 (ASPH-GRVD) S-22 MIRL 0.3% up NW IAP

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Rgt tfc.

AIRPORT REMARKS: Attended Apr-Sep 1200-0100Z† Oct-Mar 1200-0100Z†. Arpt unattended Christmas. Wildlife on and in/ov arpt. TPA: Fixed wing 1599(810); turbo prop and jet 2099(1310). Rwy 16-34 distance markers every 1000 ft W side of rwy. PAPI Rwy 16 unusable byd 5° right of centerline. ACTIVATE MIRL Rwy 16-34; REIL Rws 16 and 34; twy lgts—CTAF.

WEATHER DATA SOURCES: AWOS-3 121.25 (410) 876-1281. HIWAS 117.9 EMI.

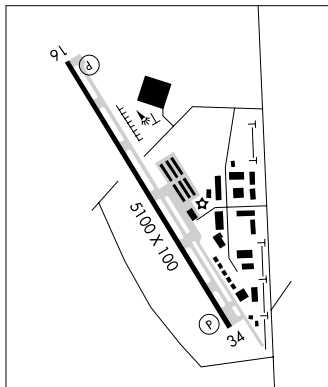
COMMUNICATIONS: CTAF/UNICOM 122.7

WESTMINSTER RCO 122.1R 117.9T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 125.525 GCO 121.725 (POTOMAC CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70' W76°58.72' 357° 6.9 NM to fld. 820/08W. HIWAS.

**CLEARVIEW AIRPARK**

(2W2) 7 S UTC-5(-4DT) N39°28.02' W77°01.05' WASHINGTON
 799 B FUEL 100LL TPA-1799(1000) NOTAM FILE DCA COPTER
 RWY 14-32: H1840X30 (ASPH) LIRL (NSTD) 2.1% up SE L-29E, 34F, 36J, A
 RWY 14: APAP(PNIL)—GA 4.0° TCH 20'. Thld dsplcd 330'. Trees.
 RWY 32: APAP(PNIL)—GA 7.0° TCH 34'. Thld dsplcd 278'. Trees.
 IAP

AIRPORT REMARKS: Attended 1400-2200Z†, Apr 1-Oct 31 Sat-Sun 1400-2300Z†. Arpt unattended Thanksgiving, Christmas, and New Years Day. Unlimited vehicle access to acft movement areas. 60 ft drop off 125 ft from apch end Rwy 14. Ultralight activity on and in vicinity of arpt. Rwy 14-32 NSTD LIRL, lgts 20' from edge of rwy. Rwy 14-32 lgtd thld Rwy 32 relocated 278 ft for ngt ops; 1567 ft of rwy usable at ngt. Rwy 14 dsplcd thld has NSTD orange traffic cones, markings and lgts. ACTIVATE NSTD LIRL Rwy 14-32 and rotating bcn—CTAF.

WEATHER DATA SOURCES: HIWAS 117.9 EMI.

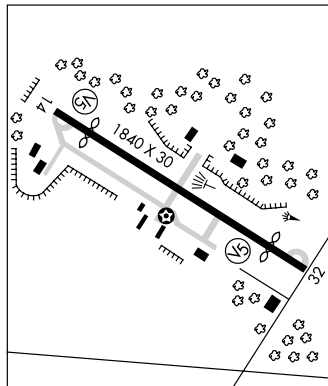
COMMUNICATIONS: CTAF/UNICOM 122.8

WESTMINSTER RCO 122.1R 117.9T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 125.525

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70' W76°58.72' 235° 2.5 NM to fld. 820/08W. HIWAS.



BARNES MUNI (See WESTFIELD/SPRINGFIELD)**BARNSTABLE MUNI—BOARDMAN/POLANDO FLD** (See HYANNIS)**BARRE/BARRE PLAINS****TANNER—HILLER** (8B5) 4 SW UTC-5(-4DT) N42°21.38' W72°07.81'**NEW YORK**
L-33C, 34J

584 S2 FUEL 100LL, MOGAS TPA—1584(1000) NOTAM FILE BDR

RWY 06-24: H3027X40 (ASPH) S-9**RWY 06:** Thld dsplcd 150'. Trees.**RWY 24:** Thld dsplcd 200'. Trees.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2300Z, Sat 1300-2100Z, Sun unattended. Gliders opr from arpt on intermittent basis. Gliders and powered acft follow left hand tfc pat on both rwys. Fuel avbl PPR 508-867-3585. Arpt CLOSED SS-SR.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**GARDNER (L) VOR/DME** 110.6 GDM Chan 43 N42°32.76' W72°03.49' 210° 11.8 NM to fld. 1280/14W.**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bridgeport FSS (BDR) 1-866-293-5149.**BEDDS** N42°28.79' W71°23.32' NOTAM FILE BED.**NDB (LOM) 332 BE** 114° 4.5 NM to Laurence G. Hanscom Fld.**BEDFORD****LAURENCE G HANSCOM FLD** (BED) 0 NE UTC-5(-4DT) N42°28.20' W71°17.34'**NEW YORK**133 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks LRA Class 1, ARFF Index A **COPTER**

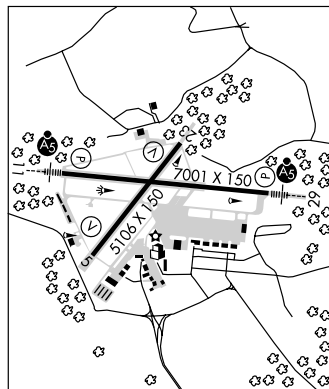
NOTAM FILE BED

H-11D, 12K, L-33D, 34J**RWY 11-29:** H7001X150 (ASPH-GRVD) S-78, D-100, ST-127, DT-190 HIRL **IAP, AD****RWY 11:** MALSR. PAPI(P4L)—GA 3.0° TCH 62'. Hiil.**RWY 29:** MALSR. PAPI(P4R)—GA 3.0° TCH 52'. Rgt tfc acft over 12,500 lbs.**RWY 05-23:** H5106X150 (ASPH-GRVD) S-72, D-117, ST-149, DT-207 MIRL**RWY 05:** REIL. VASI(V4L)—GA 3.75° TCH 62'. Trees.**RWY 23:** REIL. VASI(V4R)—GA 3.25° TCH 53'. Trees.**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 05	11-29	3000
RWY 11	05-23	2650
RWY 29	05-23	3650

AIRPORT REMARKS: Attended continuously. Birds and wildlife on and in/ov arpt. PPR for all acft carrying explosives, call 781-869-8000.

No practice low apchs/touch and go ldg for acft 12,500 lbs and over, and lgt acft between 0400-1200Z. Unlighted 215 ft AGL obstruction 1000 ft south of apch end Rwy 11. Noise rules in effect, helicopters operating within controlled airspace are required to main-tain highest possible altitude. Surcharge for each ldg and/or departure 0400-1200Z. Be alert for small acft parked on ramps. TPA 1133 (1000) fixed wing; 1633 (1500) turbojet; 1933 (1800) heavy jet acft. CLOSED to Part 121 air carrier ops with over 60 seats except 24 hour PPR call 781-869-8000. Twys N and B clsd to air carrier acft. Twy G between Rwy 11-29 and Rwy 05-23 restricted—no acft with wingspans greater than 118'. Twys F, J, M, N, R, S, T clsd greater than 118' wingspan. ACTIVATE MIRL Rwy 05-23, HIRL Rwy 11-29, MALSR Rwy 11 and 29, and twy lgt—118.5. Commercial and transient ldg fee. Flight Notification Service (ADCUS) available. User pays customs cost.

WEATHER DATA SOURCES: ASOS (781) 274-9733. LAWRS.**COMMUNICATIONS:** CTAF 118.5 ATIS 124.6 781-274-6283. **UNICOM** 122.95**(R) BOSTON APP/DEP CON** 124.4**HANSCOM TOWER** 118.5 (1200-0400Z) **GND CON** 121.7 **CLNC DEL** 121.85**AIRSPACE:** CLASS D svc 1200-0400Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LWM.**LAWRENCE (L) VOR/DME** 112.5 LWM Chan 72 N42°44.42' W71°05.69' 223° 18.4 NM to fld. 302/15W.**SHAKER HILL NDB (MHW)** 251 SKR N42°27.35' W71°10.71' 296° 5 NM to fld. NOTAM FILE BED. Unmonitored indefinitely. Unusable beyond 10 NM.**BEDDS NDB (LOM) 332 BE** N42°28.79' W71°23.32' 114° 4.5 NM to fld. Unmonitored when twr clsd.**ILS/DME** 111.15 I-BED Chan 48(Y) Rwy 11. Class IA. LOM BEDDS NDB. ILS unmonitored when twr clsd. Middle marker unmonitored 24 hours daily.**ILS/DME** 111.15 I-ULJ Chan 48(Y) Rwy 29. Class IB.

BERKLEY**MYRICKS** (1M8) 3 SE UTC-5(-4DT) N41°50.34' W71°01.59'

NEW YORK

71 S2 **FUEL** 100LL NOTAM FILE BDR**RWY 09-27:** 2466X50 (TURF)**RWY 09:** Tree. **RWY 27:** Trees.**AIRPORT REMARKS:** Attended dalgt hours. Aerial banner pickup and drop ops on and in vicinity of arpt.**COMMUNICATIONS:** CTAF: 122.9**BEVERLY MUNI** (BVY) 3 NW UTC-5(-4DT) N42°35.05' W70°54.97'

NEW YORK

107 B S4 **FUEL** 100LL, JET A OX 3, 4 LRA NOTAM FILE BVY

COPTER

RWY 16-34: H5001X100 (ASPH) S-30, D-55, DT-103

H-110, 12K, L-330

MIRL 0.5% up NW

IAP, AD

RWY 16: MALS. PAPI(P4L)—GA 3.5° TCH 40'. Thld dsplcd 239'.

Trees.

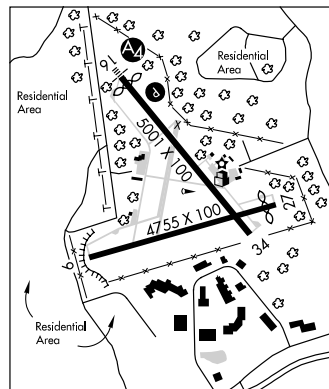
RWY 34: REIL.**RWY 09-27:** H4755X100 (ASPH) S-30, D-114, ST-145, DT-180

MIRL 0.4% up E

RWY 09: Tree. **RWY 27:** Thld dsplcd 250'. Trees.**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 09	16-34	3450
RWY 16	09-27	4000

AIRPORT REMARKS: Attended 1200Z†-dusk. Fuel svc 1100-0300Z†, after hours by prior req only on 978-774-2070. Birds frequently on and in/of arpt; occasional deer or coyote on rwy. Rwy safety areas have drop offs and/or rough terrain. East ramp sfc rough with loose stones. Twy A east 800' clsd indef. Noise sensitive arpt. Voluntary compliance requested of all acft exceeding 75 DB to not land/depart arpt 0400-1200Z†. Noise abatement procedures in effect ctc arpt manager 978-921-6072. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Noise sensitive area off end of Rwy 09 and south of Rwy 09. No tiedown ropes on public transient parking. Transient acft must use anti-theft device when acft unattended. Parking—west side transient at North Atlantic Air. East side transient parking for small acft located on north end of East Ramp, larger acft by south end of East Ramp. Rwy 16 NSTD MALS—800'. ACTIVATE MIRL Rwy 09-27 and Rwy 16-34; MALS Rwy 16 and REIL Rwy 34—CTAF; when twr clsd ACTIVATE PAPI Rwy 16—CTAF. Overnight parking fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (978) 921-5042. LAWRS.**COMMUNICATIONS:** CTAF 125.2 ATIS 119.2 UNICOM 122.95® **BOSTON APP/DEP CON** 124.4**TOWER** 125.2 (15 May-31 Oct 1200-0200Z†; 1 Nov-14 May 1200-0100Z†) **GND CON** 121.6**AIRSPACE:** CLASS D svc 15 May-31 Oct 1200-0200Z†, 1 Nov-14 May 1200-0100Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BVY.**LAWRENCE (L) VOR/DME** 112.5 LWM Chan 72 N42°44.42' W71°05.69' 155° 12.3 NM to fld. 302/15W.**TOPSFIELD NDB (MHW)** 269 TOF N42°37.16' W70°57.41' 156° 2.8 NM to fld. Unmonitored.**ILS/DME** 110.5 I-BVY Chan 42 Rwy 16. LOC only.**COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not available at tower. Between 0300-1200Z† close flight plan with Boston twr—121.6.**BOGEY** N41°42.97' W70°12.18' NOTAM FILE HYA.**NDB (LOM)** 342 HY 246° 4.5 NM to Barnstable Muni-Boardman/Polando Fld. Unmonitored when twr clsd.**BOSTON** N42°21.45' W70°59.37' NOTAM FILE BOS.

NEW YORK

(H) **VOR/DME** 112.7 BOS Chan 74 at General Edward Lawrence Logan Intl. 20/16W.

COPTER

VOR portion unusable:

H-110, 12K, L-330, 34J

277°-024° byd 25 NM blo 3000'

DME unusable 277°-024° byd 35 NM blo 2500'

BOSTON**GENERAL EDWARD LAWRENCE LOGAN INTL** (BOS) 1 E UTC-5(-4DT)**NEW YORK****COPTER**

N42°21.78' W71°00.39'

20 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index E

H-10J, 11D, 12K, L-33D, 34J

NOTAM FILE BOS

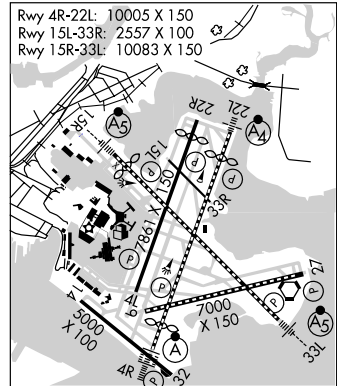
IAP, AD

Rwy 15R-33L: H10083X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-400, DDT-800 HIRL CL**Rwy 15R:** MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 60'. Thld dspcd 880'. Trees.**Rwy 33L:** MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 57'. Boat.**Rwy 04R-22L:** H10005X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-400, DDT-800 HIRL CL**Rwy 04R:** ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 67'. Thld dspcd 1154'. Boat.**Rwy 22L:** MALSF. PAPI(P4L)—GA 3.0° TCH 55'. Thld dspcd 1199'. Boat.**Rwy 04L-22R:** H7861X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-400, DDT-800 HIRL**Rwy 04L:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Boat.**Rwy 22R:** PAPI(P4L)—GA 3.0° TCH 50'. Thld dspcd 815'. Boat.**Rwy 09-27:** H7000X150 (ASPH-GRVD) S-200, D-200, ST-175, DT-400, DDT-800 HIRL CL**Rwy 09:** Boat.**Rwy 27:** REIL. PAPI(P4L)—GA 3.0° TCH 71'. Boat.**Rwy 14-32:** H5000X100 (ASPH-GRVD) S-75, D-200, ST-175, DT-400, DDT-875 HIRL**Rwy 14:** Bldg. **Rwy 32:** REIL. PAPI (P4L)—GA 3.0° TCH 45'.**Rwy 15L-33R:** H2557X100 (ASPH) S-200, D-200, ST-175, DT-400, DDT-800 MIRL**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
Rwy 04L	15L-33R	5250
Rwy 15R	09-27	6800
Rwy 22L	09-27	6400
Rwy 27	04R-22L	5650

ARRESTING GEAR/SYSTEM**Rwy 04L:** EMAS 190'X170'**Rwy 15R:** EMAS 158'X170'

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Numerous cranes on and invof arpt up to and including 250' MSL. Between 0500-1100Z Rwy 15R is preferential night rwy for tkf and Rwy 33L is preferential ngt rwy for ldg. Rwy 14-32 undirectional, no ldg's Rwy 14, no takeoffs Rwy 32. International ramp arrivals must obtain a gate assignment from international ramp control before entering ramp area. No remaining overnight parking for non-tenant charter acft without prior Massport permission. ASDE-X surveillance system in use, pilots should operate transponders with mode C on all twys and rwys. Terminal E; North and South Cargo arrivals ctc Massport Gate Control on 131.1 before entering/departing ramp area. Pilots should complete all calculations prior to pushback from gate. For noise abatement procedures call 617-561-1636 Mon-Fri 1400-2200Z. Touchdown and rollout rwy visual range Rwy 04L avbl. Touchdown and rollout rwy visual range Rwy 22R avbl. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Intersection Departures During Period of Darkness and Continuous Power Facilities. NOTE: See Special Notices—Boston Runway 27 Noise Abatement Departure Procedures. NOTE: See Special Notices—Land and Hold Short Lights.

WEATHER DATA SOURCES: ASOS (617) 567-5762. LLWAS. TDWR.**COMMUNICATIONS:** D-ATIS ARR 135.0 D-ATIS DEP 127.875 (617) 567-0160 UNICOM 122.95**BOSTON RCO** 122.4 122.1R 112.7T (BRIDGEPORT RADIO)**(R) BOSTON APP CON** 127.2 (South) 120.6 (West) 118.25 (North) **(R) BOSTON DEP CON** 133.0**BOSTON TOWER** 128.8 (ARR/DEP Rwy 04L-22R, 15R-33L, 15L-33R, 14-32) 124.725 (Helicopters) 128.8132.225 (ARR/DEP Rwy 04R-22L, 09-27) **GND CON** 121.9 121.75 **CLNC DEL** 121.65**PRE-TAXI CLNC** 121.65 **GATE CON** 134.05**AIRSPACE:** CLASS B See VFR Terminal Area chart**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOS.**BOSTON (H) VOR/DME** 112.7 BOS Chan 74 N42°21.45' W70°59.37' at fld. 20/16W.**LYNDY NDB (HW)** 382 LQ N42°27.12' W70°57.80' 215° 5.7 NM to fld. Unusable 165°-035° byd 20 NM.**HULLZ NDB (LOM)** 346 LI N42°18.19' W70°55.31' 330° 5.2 NM to fld.**MILTT NDB (LOM)** 375 BO N42°16.43' W71°02.95' 036° 5.7 NM to fld.**ILS/DME** 110.3 I-BOS Chan 40 Rwy 04R. Class IIIIE. LOM MILTT NDB.**ILS/DME** 110.3 I-LQN Chan 40 Rwy 22L. LOM LYNDY NDB.**ILS** 110.7 I-LIP Rwy 33L. Class IIIIE. LOM HULLZ NDB. Loc unusable byd 33° left side of course.**ILS/DME** 111.3 I-DGU Chan 50 Rwy 27. Class IE.**ILS/DME** 110.7 I-MDC Chan 44 Rwy 15R.**COMM/NAV/WEATHER REMARKS:** DME Channel 40 located 2171' from stop end Rwy 04R and 260' left of centerline is common to Rwy 22L.

CAPE COD (See MARSTON MILLS)

CAPE COD CGAS (See FALMOUTH)

CHATHAM MUNI (CQX) 2 NW UTC-5(-4DT) N41°41.30' W69°59.37'

NEW YORK

68 B S4 FUEL 100LL NOTAM FILE CQX

L-33D

RWY 06-24: H3001X100 (ASPH) S-30 MIRL 0.4% up NE

IAP

RWY 06: Trees. RWY 24: PAPI(P2R). Tank.

AIRPORT REMARKS: Attended 1300Z†-dusk. ACTIVATE MIRL Rwy 06-24—122.95. Be aware of hi-speed military jet and heavy helicopter t/c in vicinity of Cape Cod CGAS. Birds primarily gulls frequently on or in vicinity of arpt. Recommended minimum altitude 2000 ft AGL from Northeast to Southeast of arpt over national seashore.

WEATHER DATA SOURCES: ASOS 135.875 (508) 945-5034.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CAPE APP/DEP CON** 118.2 (1100-0400Z† May 15-Sep 30;

1100-0300Z† Oct 1-May 14) CLNC DEL 127.3

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z† Jun 15-Sept 15;

0300-1100Z† Sept 16-Jun 14)

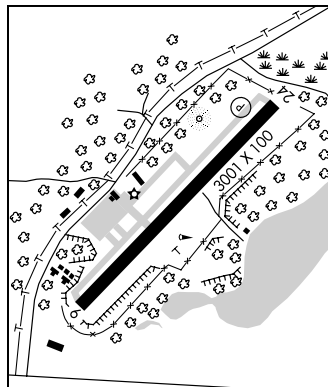
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MARCONI (H) VOR/DME 114.7 LFF Chan 94 N42°01.03'

W70°02.24' 190° 19.8 NM to fld. 152/16W. HIWAS

NAUSET NDB (MHW) 279 CQX N41°41.51' W69°59.39' at fld.

NDB unusable 220°-280° byd 20 NM.



CHESTER N42°17.48' W72°56.96' NOTAM FILE BTY.

NEW YORK

(L) VOR/DME 115.1 CTR Chan 98 311° 17.3 NM to Pittsfield Muni. 1600/13W.

H-101, 11D, L-33C, 34J

RC0 122.1R 115.1T (BURLINGTON RADIO)

CRANLAND (See HANSON)

DALTON N42°28.26' W73°10.21' NOTAM FILE PSF.

NEW YORK

NDB (MHW) 370 DXT 259° 6.1 NM to Pittsfield Muni.

L-33B, 34J

Unusable beyond 12 NM.

DUNCA N42°16.47' W72°01.20' NOTAM FILE ORH.

NEW YORK

NDB (LOM) 279 RS 109° 6.4 NM to Worcester Rgnl.

L-33C, 34J

EDGARTOWN

KATAMA AIRPARK (1B2) 2 S UTC-5(-4DT) N41°21.51' W70°31.47'

NEW YORK

18 S2 FUEL 100LL TPA—1018 (1000) NOTAM FILE BDR

RWY 03-21: 3700X50 (TURF)

RWY 03: Thld dsplcd 245'. Road.

RWY 21: Thld dsplcd 300'. Pole.

RWY 06-24: 2700X50 (TURF)

RWY 06: Thld dsplcd 300'. Road.

RWY 24: Road.

RWY 17-35: 2600X50 (TURF)

RWY 17: Thld dsplcd 200'. Building.

AIRPORT REMARKS: Attended May 15-Sep 15 dawn-dusk. Be aware of hi-speed military jet and heavy helicopter t/c vicinity of Cape Cod CGAS. Rwy 03 and 21 and 06 and 17 dsplcd thlds marked with flush white paving blocks.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1-866-293-5149.

FALMOUTH**CAPE COD CGAS** (FMH) (KFMH) ANG (ARNG CG) 1E UTC-5(-4DT) N41°39.51' W70°31.291' **NEW YORK**

131 B TPA—See Remarks NOTAM FILE BDR Not insp. H-10J, 11D, 12K, L-33D

RWY 14-32: H9500X200 (PEM) S-65, T-160, ST-175, TT-330 PCN 26 F/A/W/T HIRL IAP, DIAP, AD

RWY 14: PAPI(P4L)—GA 2.5°. RWY 32: SALSF. PAPI(P4L).

RWY 05-23: H8000X200 (PEM) S-65, T-160, ST-175, TT-330 PCN 33 F/A/W/T HIRL

RWY 05: AF OVRN. PAPI(P4L)—GA 2.5°. RWY 23: ALSF1. PAPI(P4L).

MILITARY SERVICE: LGT PAPI glide slope 2.5°. Rwy 23 and Rwy 32 ILS and PAPI glide slope not coincidental.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Info. **RSTD** Former OTIS ANG ramp clsd. ANG apron is the only apron capable of accepting C5 at gross weight. **CAUTION** Many lgt acft transiting area. Extensive bird activity vicinity all rwys especially during low ceiling and wet wx. Deer crossing rwys especially dusk and dawn. **TFC PAT** Rectangular 1300(1169), overhead 1800(1669). Army acft tfc pat alt NSTD, Rotary/Wing 800(669), Fixed Wing 1300(1169). **MISC** First 350' Rwy 05 conc, remaining 7650' asph. First 2800' Rwy 14 and first 500' Rwy 32 conc, mid portion asph. **ARNG** Opr Mon-Fri 1200-2000Z†. Limited svc may be avbl Sat-Sun with prior coordination C508-968-5850. DSN 557-5850. Ctc YANKEE OPS 10 min prior to arrival on 242.4, 46.85. 138.5. Flt briefing req prior to ops in R4101. PPR req for all acft destined for ARNG ramp. Ctc USCG OPS C508-968-6360/6361 C800-673-1056. Ctc OSA F/W DET C608-968-5291/5292 to coordinate JOSAC pax arrival and departure. **CG** PPR req for Coast Guard ramp; ltd svc may be avbl with prior coordination C508-968-6360/6361, DSN 557-6360/6361, or C800-673-1056. Arr acft ctc Cape Cod Air 345.0, 122.975 or 164.55 15 minutes prior to arrival. Ltd Fuel avbl dependent on CG SAR ops. Boarding ramps not avbl.

COMMUNICATIONS: SFA PTD 372.2 ATIS 120.475 236.825 (Mon-Fri 1200-0400Z†, Sat-Sun, and hol 1300-2100Z†)

Ⓡ **APP CON** 118.2 118.75 284.6 (North) 126.3 318.1 (South) Remarks: Opr 5 May-30 Sep. 1100-0400Z†, 1 Oct-14 May 1100-0300Z†, other times ctc **BOSTON CENTER APP CON** 132.9 387.1

COAST GUARD TOWER 121.0 291.1 236.6 **GND CON** 124.15 275.8

Ⓡ **DEP CON** 284.6 291.1 (North) 318.1 (South) Remarks: 15 May-30 Sep. 1100-0400Z†, 1 Oct-14 May 1100-0300Z†, other times ctc **BOSTON CENTER DEP CON** 132.9 387.1

ARNG 242.4 46.85 138.5 **ANG BASE OPS** 372.2**CG CAPE COD AIR** 122.975 164.55 345.0 (164.55 VHF-FM). Remarks: (345.0 Opr Mon-Fri 1230-2030Z† except holidays.)**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**OTIS (L) TACAN** Chan 105 FMH (115.8) N41°39.58' W70°30.84' at fld. 120/15W. No NOTAM MP Mon 1500-1600Z†.

ILS Y 110.1 I-FMH Rwy 23. Back course unusable. No NOTAM MP Tue and Thu 1230-1430Z†.

ILS 109.9 I-BNX Rwy 32. Back course unusable. No NOTAM MP Tue and Thu 1230-1430Z†.

FALMOUTH AIRPARK (5B6) 4 NE UTC-5(-4DT) N41°35.14' W70°32.42' **NEW YORK**43 B S2 **FUEL** 100LL TPA-1043(1000) NOTAM FILE BDR

RWY 07-25: H2298X40 (ASPH) S-4 LIRL

RWY 07: TRCV(TRIL). Trees. Rgt tfc. RWY 25: TRCV(TRIL). Trees.

AIRPORT REMARKS: Attended Jun-Aug, Thu-Mon 1300-2130Z†, Sep-May irregularly. **CAUTION:** Turf around Rwy 07-25 soft after rain. Be aware of hi speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Airport CLOSED to acft exceeding 5000 lbs published maximum gross weight. Transient ops daytime only. No night transient tkfs or ldg. **ACTIVATE** LIRL Rwy 07-25 and TRIL Rwy 07 and 25-122.7. Prop-locks required for all acft remaining overnight.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cine del thru Bridgeport FSS (BDR) 1-866-293-5149.

FITCHBURG MUNI (FIT) 3 SE UTC-5(-4DT) N42°33.25' W71°45.54'
 348 B S4 FUEL 100LL JET A OX 3 TPA-1350(1002) NOTAM FILE FIT
 RWY 14-32: H4510X100 (ASPH) S-30, D-41 MIRL 0.3% up NW

NEW YORK
 L-33C, 34J
 IAP

RWY 14: VASI(V2L)—GA 3.0". Trees.
 RWY 32: REIL. Thld dspcd 242'. Trees.
 RWY 02-20: H3504X75 (ASPH) S-30, D-41 0.5% up N
 RWY 02: Thld dspcd 567'. Trees.
 RWY 20: Thld dspcd 459'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. Sfc winds less than 5 kts preferred Rwy 32. ACTIVATE VASI Rwy 14; MIRL Rwy 14-32; REIL Rwy 32—123.0. Rotating bcn not avbl during dalgt IFR conditions. Twy lgts last third of twy to Rwy 20 unlgtd. Ldg fee for corporate and commercial flights only.

WEATHER DATA SOURCES: ASOS 135.175 (978) 343-9121

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 118.025 (BRIDGEPORT RADIO)

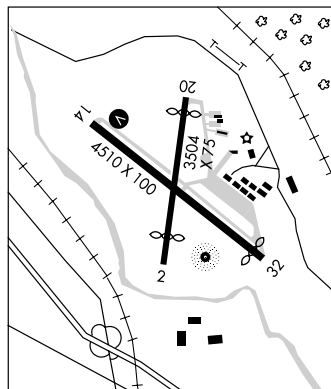
® BOSTON APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 102° 13.3 NM to fld. 1280/14W

NDB (MHW) 365 FIT N42°33.06' W71°45.43' at fld. NDB located 1207' from apch end Rwy 32; offset 565' left of centerline.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport FSS (BDR) 1-866-293-5149.



GARDNER N42°32.76' W72°03.49' NOTAM FILE BDR.
 (L) VOR/DME 110.6 GDM Chan 43 097° 1.9 NM to Gardner Muni. 1280/14W.
 RCO 122.1R 110.6T (BRIDGEPORT RADIO)

NEW YORK
 H-11D, 12J, L-33C, 34J
 IAP

GARDNER MUNI (GDM) 2 SW UTC-5(-4DT) N42°32.99' W72°00.96'
 955 B S2 FUEL 100LL NOTAM FILE BDR
 RWY 18-36: H2999X75 (ASPH) S-25 MIRL 1.0% up N
 RWY 18: Trees. RWY 36: Trees.

NEW YORK
 L-33C, 34J
 IAP

AIRPORT REMARKS: Attended irregularly. No radio controlled aircraft on and invof arpt. ACTIVATE MIRL Rwy 18-36—122.8.

COMMUNICATIONS: CTAF/UNICOM 122.8

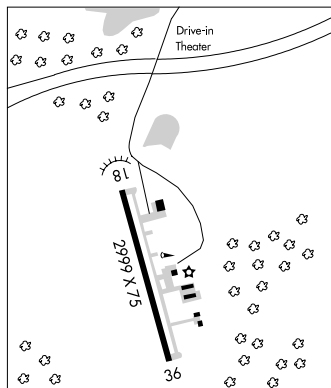
RCO 122.1R 110.6T (BRIDGEPORT RADIO)

® BOSTON CENTER APP/DEP CON 123.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

(L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 097° 1.9 NM to fld. 1280/14W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport FSS (BDR) 1-866-293-5149.



GENERAL EDWARD LAWRENCE LOGAN INTL (See BOSTON)

GOZZR N42°15.59' W71°44.12' NOTAM FILE ORH.
 NDB (LOM) 417 EK 289° 6.3 NM to Worcester Rgnl.

NEW YORK

GREAT BARRINGTON**WALTER J. KOLADZA** (GBR) 2 W UTC-5(-4DT) N42°11.05' W73°24.19'

NEW YORK

739 B S4 FUEL 100LL NOTAM FILE BTW

L-33B, 341

RWY 11-29: H2579X50 (ASPH) S-8 LIRL

IAP

RWY 11: REIL. Thld dspcd 170'. Trees.

RWY 29: VASI(NSTD)—GA 3.0° TCH 13'. Thld dspcd 75'. Trees.

AIRPORT REMARKS: Attended dailgt hours. Arpt lgts opr dusk-0400Z±.

Deer and birds on and infov arpt. Practice VFR GPS Rwy 11 not authorized when Rwy 29 is in use for student tfc. Touch and go ldg not authorized. Rwy 11 lgtd thld relocated 170 ft; 2409 ft of rwy usable for ngt ops. ACTIVATE LIRL Rwy 11-29; VASI Rwy 29;

REIL Rwy 11 and rotating bcn—121.6. VASI OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

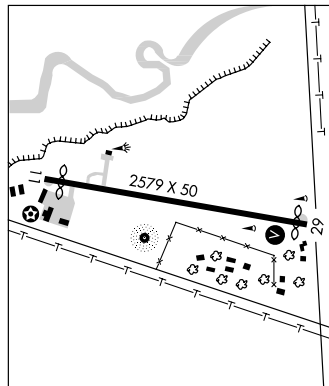
ALBANY APP/DEP CON 132.825

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.**CHESTER (L) VOR/DME** 115.1 CTR Chan 98 N42°17.48'

W72°56.96' 266° 21.2 NM to fld. 1600/13W.

GREAT BARRINGTON NDB (MHW) 395 GBR N42°10.98'

W73°24.24' at fld. Unusable byd 15 NM.

**GREAT BARRINGTON** N42°10.98' W73°24.24' NOTAM FILE BTW.

NEW YORK

NDB (MHW) 395 GBR at Walter J. Koladza

L-33B, 341

Unusable byd 15 NM.

HAGET N42°38.65' W71°11.83' NOTAM FILE LWM.

NEW YORK

NDB (LOM) 402 LW 052° 5.5 NM to Lawrence Muni.

COPTER

HALIFAX**MONPONSETT POND SPB** (MA6) 2 NW UTC-5(-4DT) N42°00.59' W70°50.59'

NEW YORK

52 S2 FUEL 100LL NOTAM FILE BDR

COPTER

WATERWAY 17-35: 4600X500 (WATER)

WATERWAY 17: Trees.

WATERWAY 35: Rgt tfc.

WATERWAY 10-28: 3200X300 (WATER)

WATERWAY 10: P-line. Rgt tfc.

WATERWAY 28: Trees.

SEAPLANE REMARKS: Attended continuously.**COMMUNICATIONS:** CTAF 122.9**HANSON****CRANLAND** (28M) 3 SE UTC-5(-4DT) N42°01.51' W70°50.29'

NEW YORK

71 S2 FUEL 100LL NOTAM FILE BDR

COPTER

RWY 18-36: H1860X60 (ASPH) S-8

RWY 18: Trees.

RWY 36: Thld dspcd 507'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z±. Open excavation and 8' dirt mound north of Rwy 18-36.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.**HARRIMAN-AND-WEST** (See NORTH ADAMS)

HOPEDALE INDUSTRIAL PARK (1B6) 3 SE UTC-5(-4DT) N42°06.39' W71°30.61'

NEW YORK

269 B S2 FUEL 100LL NOTAM FILE BDR

L-33C, 34J

RWY 18-36: H3172X90 (ASPH) S-12 LIRL 1.0% up N

IAP

RWY 18: Trees. RWY 36: Thld displcd 110'. Trees.

AIRPORT REMARKS: Attended Mon-Fri dawn-dusk. Arpt CLOSED to transient acft SS-SR. Arpt CLOSED to transient student training. Arpt CLOSED to jets and ngt lds except PPR call 508-478-1726. Rwy 18 two story house 27' AGL (291' MSL) located approximately 400' NW rwy thld. Rwy lgts and rotating bcn opr dusk-0300Z+.

COMMUNICATIONS: CTAF/UNICOM 122.8

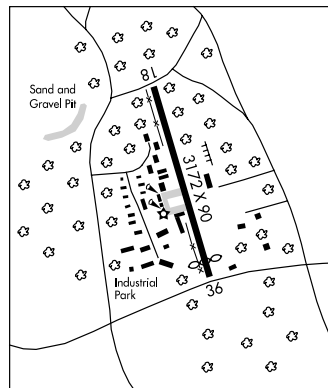
® BRADLEY APP/DEP CON 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 073° 17.5 NM to fld. 650/14W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.



HULLZ N42°18.19' W70°55.31' NOTAM FILE BOS.

NDB (LOM) 346 LI 330° 5.2 NM to General Edward Lawrence Logan Intl.

HYANNIS N41°40.16' W70°16.82'

NEW YORK

RCO 126.425 (BRIDGEPORT RADIO)

L-33D

HYANNIS**BARNSTABLE MUNI—BOARDMAN/POLANDO FLD** (HYA) 1 N UTC-5(-4DT)

NEW YORK

COPTER

N41°40.16' W70°16.82'

54 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE HYA

H-10J, 11D, 12K, L-33D

RWY 06-24: H5425X150 (ASPH-GRVD) S-30, D-108, ST-137 HIRL

IAP, AD

RWY 06: REIL. PAP(P4L)—GA 3.0° TCH 36'. Thld dsplcd 406'.

RWY 24: MALSR. Train.

RWY 15-33: H5252X150 (ASPH-GRVD) S-30, D-108, ST-137

HIRL

RWY 15: MALSR. P-line.

RWY 33: VASI(V4L)—GA 3.0° TCH 45'. Thld dsplcd 150'. Tree.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 15	06-24	4150
RWY 24	15-33	4650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5425	TODA-5425	ASDA-5425	LDA-5019
RWY 15: TORA-5252	TODA-5252	ASDA-5252	LDA-5252
RWY 24: TORA-5425	TODA-5425	ASDA-5425	LDA-5425
RWY 33: TORA-5252	TODA-5252	ASDA-5252	LDA-5102

ARRESTING GEAR/SYSTEM

RWY 24: EMAS 200'X176'

AIRPORT REMARKS: Attended continuously. CLOSED to unscheduled air

carrier ops with more than 9 passenger seats 0500-1100Z†

except 1 hr PPR arpt manager 508-778-7770. Be aware of

hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod

CGAS. Do not confuse Cape Cod CGAS—10 NM W—with

Barnstable Muni. Birds, deer, and coyotes on and invof arpt. Arpt

has noise abatement ctc arpt manager 508-778-7765. Touch and

go ops prohibited between 0200-1059Z† unless prior approval by arpt manager. Twy B from Rwy 33 to east

ramp has soft shoulders and marked. Rwy 15 touchdown rwy visual range avbl. All transient and general

aviation pilots must ctc arpt ops on frequency 122.95 prior to engine shutdown for airfield escort. ACTIVATE

HIRL Rwy 06-24 and HIRL Rwy 15-33 and MALSR Rwy 15 and 24—CTAF. Ldg fee for all acft over 6000 lbs.

WEATHER DATA SOURCES: ASOS (508) 862-2601. LAWRS.**COMMUNICATIONS:** CTAF 119.5 ATIS 123.8 (508-778-1143) UNICOM 122.95

HYANNIS RCO 126.425 (BRIDGEPORT RADIO)

Ⓡ CAPE APP/DEP CON 118.2 (1100-0400Z†) May 15-Sep 30, (1100-0300Z†) Oct 1-May 14). CLNC DEL 125.15

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z†) May 15-Sep 30, (0300-1100Z†) Oct 1-May 14.

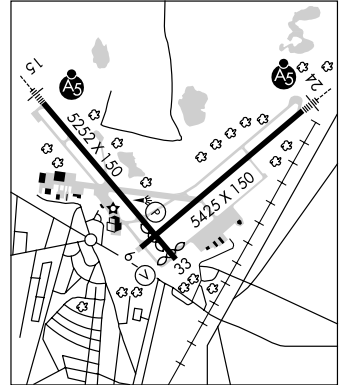
HYANNIS TOWER 119.5 1100-0300Z†. GND CON 121.9

AIRSPACE: CLASS D svc 1100-0300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MVY.MARTHAS VINEYARD (L) VOR/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' 057° 22.2 NM to fld.
60/15W.

BOGEY NDB (LOM) 342 HY N41°42.97' W70°12.18' 246° 4.5 NM to fld. Unmonitored when twr clsd.

ILS/DME 108.95 I-BCU Chan 26(Y) Rwy 15. Class IB. (LOC only).

ILS 109.15 I-HYA Chan 28(Y) Rwy 24. Class IT. LOM BOGEY NDB. ILS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at tower.**KATAMA AIRPARK** (See EDGARTOWN)**LAURENCE G HANSCOM FLD** (See BEDFORD)

LAWRENCE MUNI (LWM) 2 E UTC-5(-4DT) N42°43.03' W71°07.41'

148 B S4 FUEL 100LL JET A LRA NOTAM FILE LWM

RWY 05-23: H5001X150 (ASPH) S-45, D-62, DT-110 HIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 23: REIL. VASI(V4L)—GA 3.7° TCH 54'. Trees.

RWY 14-32: H3900X100 (ASPH) S-30, D-34,
DT-53 MIRL 0.7% up SE

RWY 32: REIL. PAPI(P4L)—GA 4.0° TCH 32'. Thld displcd 190'. Trees.

AIRPORT REMARKS: Attended 1200Z±-0300Z±. Lgt'd stack 296' MSL
1/2 mile NW apch end Rwy 23. Birds frequently on or invof arpt;
occasional deer on rwy. No transient touch and go ops Sat and
Sun. Use reasonable efforts to maintain manufacturer's
recommended rate of climb. Clsd tfc pattern initiate turn out at
700' AGL. Clsd tfc pattern opr limited to no more than 5 acft at a
time. REIL Rwy 32 OTS indef. ACTIVATE HIRL Rwy 05-23; MIRL
Rwy 14-32; REIL Rwy 05, 23 and 32; PAPI Rwy 05, 32—CTAF.
Ldg Fee for acft registered to corporation only. Flight Notification
Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS 126.75 (0300-1200Z±) (978)
687-8017. LAWRS.

COMMUNICATIONS: CTAF 119.25 ATIS 126.75 UNICOM 122.8

RCO 122.1R 112.5T (BRIDGEPORT RADIO)

Ⓡ **BOSTON APP/DEP CON** 124.4 **CLNC DEL** 126.15 (when twr clsd)

TOWER 119.25 (1200-0300Z±) **GND CON** 124.3 **CLNC DEL** 124.3

AIRSPACE: CLASS D svc 1200-0300Z± other times CLASS G.

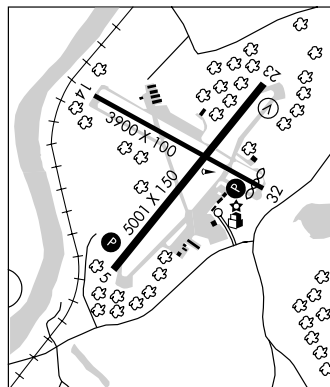
RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

(L) **VOR/DME** 112.5 LWM Chan 72 N42°44.42' W71°05.69' 237° 1.9 NM to fld. 302/15W.

DME unusable 160°-195° beyond 23 NM below 2500'.

HAGET NDB (LOM) 402 LW N42°38.65' W71°11.83' 052° 5.5 NM to fld.

ILS 111.7 I-LWM Rwy 05. Class IB. LOM HAGET NDB.



NEW YORK
COPTER
H-110, 12K, L-330
IAP, AD

LYNDY N42°27.12' W70°57.80' NOTAM FILE BOS.

NDB (HW) 382 LQ 215° 5.7 NM to General Edward Lawrence Logan Intl.

NDB unusable 165°-035° byd 20 NM.

NEW YORK
COPTER
L-330

MANSFIELD MUNI (1B9) 2 SE UTC-5(-4DT) N42°00.01' W71°11.81'

122 B S4 FUEL 100LL NOTAM FILE BDR

RWY 14-32: H3500X75 (ASPH) S-26 MIRL

RWY 14: Thld displcd 507'. Trees.

RWY 32: PAPI(P4L)—GA 4.0° TCH 38'. Thld displcd 236'. Trees.

RWY 04-22: 2200X100 (TURF)

RWY 04: Trees. RWY 22: Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. Turf strip CLOSED winter
months and after heavy rains. Deer on and in vicinity of arpt. No
touch and go landings 0200-1300Z±. Upon departure of Rwy 32
turn left to 290°. No right turns on departure from Rwy 32 until
1,000' MSL. Upon departure of Rwy 14 no left turns until 824 ft
MSL. ACTIVATE MIRL Rwy 14-32—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 121.725 (BRIDGEPORT RADIO)

Ⓡ **BOSTON APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

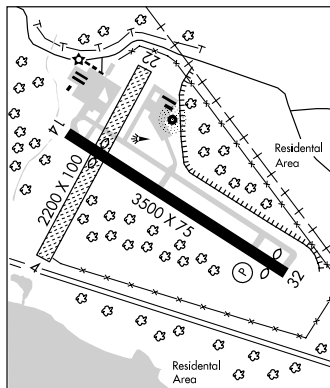
PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 099° 29.1 NM to fld. 650/14W.

NDB (MHW) 220 IHM N42°00.17' W71°11.83' at fld.

Unmonitored 0300-1800Z±.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR)
1-866-293-5149.



NEW YORK
COPTER
L-330, 34J
IAP

MARCONI N42°01.03' W70°02.24' NOTAM FILE BDR.

(H) **VORW/DME** 114.7 LFW Chan 94 308° 8.9 NM to Provincetown Muni. 152/16W. HIWAS.

NEW YORK
H-10J, 11D, 12K, L-330

MARLBORO (9B1) 2 E UTC-5(-4DT) N42°20.59' W71°30.54'

NEW YORK

285 S4 FUEL 100LL TPA-1385(1100) NOTAM FILE BDR

COPTER

RWY 14-32: H1659X45 (ASPH) S-9

RWY 14: Trees.

RWY 32: Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. No touch and go landings. No ngt ops. No low apchs blo 500' AGL.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.

MARSHFIELD MUNI-GEORGE HARLOW FLD (GHG) 2 E UTC-5(-4DT) N42°05.89' W70°40.33'

NEW YORK

11 B S4 FUEL 100LL, JET A OX 1, 3 NOTAM FILE BDR

COPTER

RWY 06-24: H3001X75 (ASPH) S-12.5 MIRL

L-330

RWY 06: REIL. PAPI(P4R)-GA 4.0° TCH 40'. Trees.

IAP

RWY 24: Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. After hrs service by request. Birds and wildlife on and in vol of arpt. Extensive flt training activity. Voluntary noise abatement procedures in effect. No touch and go lds between 2100-0730 local. Security procedures in effect. All engine runups at midfield ramp. ACTIVATE MIRL Rwy 06-24, REIL and PAPI Rwy 06-CTAF.

WEATHER DATA SOURCES: AWOS-3 120.0 (781) 837-0555. LAWSR

COMMUNICATIONS: CTAF/UNICOM 122.8

⑧ BOSTON APP/DEP CON 124.1

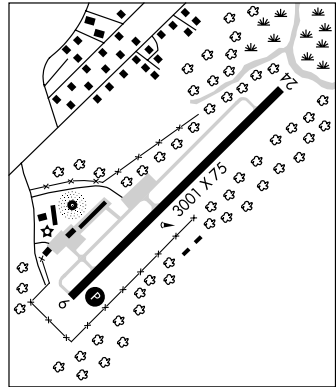
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45'

W70°59.37' 154° 21 NM to fld. 20/16W.

NDB (MHW) 368 IMR N42°05.87' W70°40.52' at fld. NOTAM FILE 3B2. NDB unmonitored. NDB located 800' inbound of AER 06, 550' northwest of centerline.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.

**MARSTON MILLS****CAPE COD** (2B1) 5 SE UTC-5(-4DT) N41°41.12' W70°24.14'

NEW YORK

103 S2 FUEL 100LL TPA-803(700) NOTAM FILE BDR

RWY 09-27: 2700X60 (TURF)

RWY 09: Trees.

RWY 27: Trees.

RWY 17-35: 2060X60 (TURF)

RWY 17: Trees.

RWY 35: P-line.

RWY 05-23: 2035X50 (TURF)

RWY 05: Trees.

RWY 23: Trees.

AIRPORT REMARKS: Attended dalgt hours. Parachute Jumping. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Be alert for radio control airplanes NE corner air fld. PPR for Rwy 05-23 ops. Banner tow ops in progress Jun thru Aug north side of airfield. Glider tow ops during dalgt hours. Rwy 35 also has trees.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.

MARTHAS VINEYARD (See VINEYARD HAVEN)**MILTT** N42°16.43' W71°02.95' NOTAM FILE BOS.

NDB (LOM) 375 BO 036° 5.7 NM to General Edward Lawrence Logan Intl.

MINUTE MAN AIR FIELD (See STOW)**MONPONSETT POND SPB** (See HALIFAX)

MONTAGUE**TURNERS FALLS** (ØB5) 3 N UTC-5(-4DT) N42°35.48' W72°31.37'

356 B S4 FUEL 100LL NOTAM FILE BTV

RWY 16-34: H3013X75 (ASPH) S-30 MIRL 0.3% up SE

RWY 16: Trees.

RWY 34: REIL. VASI(V2L)—GA 4.3°TCH 46'. Trees.

AIRPORT REMARKS: Attended 1330-2230Z†. Parachute Jumping. Noise abatement procedures Rwy 34, calm wind rwy, wind 3-5 Kts or less, heading of 335° after departure. Acft departing Rwy 34 will avoid overflight of residential and commercial areas by taking a heading of 335°. Rwy 34 REIL OTS indef. Rwy 34 VASI OTS indef. ACTIVATE MIRL Rwy 16-34; VASI Rwy 34 and REIL Rwy 34—CTAF.

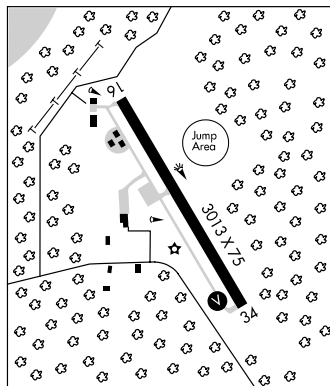
COMMUNICATIONS: CTAF 123.0 UNICOM 123.0 (1300-2300Z†)**BOSTON CENTER APP/DEP CON** 123.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76' W72°03.49' 292° 20.8 NM to fld. 1280/14W.

NEW YORK

L-33C, 34J

IAP

**MYRICKS** (See BERKLEY)

NANTUCKET MEM (ACK) 3 SE UTC-5(-4DT) N41°15.18' W70°03.61'**NEW YORK**

48 B FUEL 100LL, JET A Class I, ARFF Index B NOTAM FILE ACK

H-10J, 12K, L-33D

RWY 06-24: H6303X150 (ASPH) S-75, D-170, ST-175, DT-280 HIRL CL 0.3% up NE. IAP, AD

RWY 06: MALSF. VASI(V4L)—GA 3.0°. Thld displcd 551'.

RWY 24: SSALR. TDZL. PAPI(P4L)—GA 3.0° TCH 48'.

RWY 15-33: H4000X100 (ASPH) S-60, D-85, ST-108, DT-155 MIRL

RWY 15: REIL. Building.

RWY 33: REIL. VASI(V4R)—GA 3.0° TCH 43'.

RWY 12-30: H2696X50 (ASPH) S-12.5

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	15-33	4300
RWY 33	06-24	3150

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA-6303	TODA-6303	ASDA-6303	LDA-5752
RWY 12:	TORA-2696	TODA-2696	ASDA-2696	LDA-2696
RWY 15:	TORA-4000	TODA-4000	ASDA-4000	LDA-4000
RWY 24:	TORA-6303	TODA-6303	ASDA-6303	LDA-6303
RWY 30:	TORA-2696	TODA-2696	ASDA-2696	LDA-2696
RWY 33:	TORA-4000	TODA-4000	ASDA-4000	LDA-4000

AIRPORT REMARKS: Attended continuously. Be aware of hi-speed military

jet and heavy helicopter t/c vicinity of Cape Cod CGAS. Deer and birds on and in/ovf arpt. Rwy 12-30 VFR/Day use only aircraft under 12,500 lbs. Arpt has noise abatement procedures ctc Noise Officer 508-325-5300. PPR 2 hours for unscheduled air carrier ops with more than 9 passenger seat, call arpt manager 508-325-5300. Rwy 06 touchdown and rollout runway visual range avbl. Rwy 24 midpoint and rollout runway visual range avbl.

When twr clsd ACTIVATE MALSF Rwy 06; SSALR Rwy 24; HIRL Rwy 06-24; MIRL Rwy 15-33; PAPI Rwy 24 and twy lghts—CTAF. VASI Rwy 06 and Rwy 33 opr 24 hrs. Rwy 24 SSALR unmonitored when twr clsd. Twy F between A and B clsd indef. Twy F prohibited to air carrier acft with more than 9 passenger seats when twr clsd. Fee for non-commercial acft parking over 2 hrs or over 6000 lbs. NOTE: See Special Notices—VFR Noise Abatement Procedures.

WEATHER DATA SOURCES: ASOS (508) 325-6082. LAWRS.**COMMUNICATIONS:** CTAF 118.3 ATIS 127.5 (508-228-5375) UNICOM 122.95

RCO 122.1R 116.2T (BRIDGEPORT RADIO)

① CAPE APP/DEP CON 126.1 (1100-0400Z) May 15-Sept 30, (1100-0300Z) Oct 1-May 14.

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z) May 15-Sept 30, (0300-1100Z) Oct 1-May 14.

TOWER 118.3 May 15-Sept 30 (1100-0300Z), Oct 1-May 14 (1100-0200Z).

GND CON 121.7 CLNC DEL 119.375

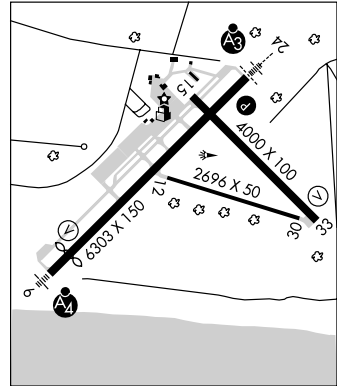
AIRSPACE: CLASS D svc May 15-Sept 30 1100-0300Z, Oct 1-May 14 1100-0200Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ACK.

(H) VOR/DME 116.2 ACK Chan 109 N41°16.91' W70°01.60' 236°2.3 NM to fld. 100/15W.

WAIVS NDB (LOM) 248 AC N41°18.68' W69°59.21' 240° 4.8 NM to fld.

ILS/DME 109.1 I-ACK Chan 28 Rwy 24. Class IE. LOM WAIVS NDB. ILS unmonitored when twr clsd.

ILS/DME 109.1 I-RNE Chan 28 Rwy 06. Class IE.

**NAUSET** N41°41.51' W69°59.39' NOTAM FILE BDR.**NEW YORK**

NDB (MHW) 279 CQX at Chatham Muni. NDB unusable 220°-280° byd 20 NM.

L-33D

NEFOR N41°37.30' W71°01.06' NOTAM FILE EWB.

NDB (LOM) 274 EW 056°4.3 NM to New Bedford Rgnl.

NEW BEDFORD RGNL (EWB) 2 NW UTC-5(-4DT) N41°40.57' W70°57.42'

NEW YORK

80 B S4 FUEL 100LL, JET A OX 3, 4 LRA NOTAM FILE EWB

H-10J, 11D, 12J, L-33D

RWY 14-32: H5000X150 (ASPH) S-33, D-48, DT-95 MIRL

IAP, AD

RWY 14: Tree.

RWY 32: REIL. VASI(V4L)—GA 3.0°TCH 52'. Trees.

RWY 05-23: H4997X150 (ASPH) S-30, D-108, ST-137, DT-195
HIRL 0.3% up NE

RWY 05: MALSR.

RWY 23: MALSR. VASI(V4L)—GA 3.1° TCH 31'. Thld dspcd 413'.

AIRPORT REMARKS: Attended 1100-0500Z†. Birds and deer on and in/ov arpt. When twr clsd ACTIVATE HIRL Rwy 05-23, MIRL Rwy 14-32, MALSR Rws 05 and Rwy 23, REIL Rwy 32—CTAF. VASI Rws 23 and 32 ops 24 hours. Flight Notification Service (ADCUS) available.**WEATHER DATA SOURCES:** ASOS (508) 992-0195. LAWRS.**COMMUNICATIONS:** CTAF 118.1 ATIS 126.85 508-994-6277.

UNICOM 122.95

Ⓡ PROVIDENCE APP/DEP CON 128.7 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

TOWER 118.1 (1200-0300Z†) GND CON 121.9

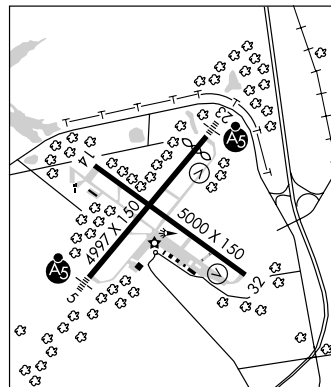
AIRSPACE: CLASS D svc 1200-0300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PVD.

PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46' W71°25.78' 112° 21.4 NM to fld. 49/14W.

HIWAS.

NEFOR NDB (LOM) 274 EW N41°37.30' W71°01.06' 056° 4.3 NM to fld.

ILS/DME 109.7 I-EWB Chan 34 Rwy 05. LOM NEFOR NDB. LOC backcourse and backcourse DME unusable byd 12 NM. LOC backcourse and backcourse DME unusable 15° left and right of course. Autopilot coupled apch blo 470' not authorized. ILS unmonitored when twr clsd.

**NEWBURYPORT****PLUM ISLAND**

(2B2) 1 SE UTC-5(-4DT) N42°47.72' W70°50.37'

NEW YORK

11 S2 FUEL 100LL TPA—See Remarks NOTAM FILE BDR

RWY 14-32: 2300X100 (TURF-GRVL)

RWY 14: Trees

RWY 32: Trees

RWY 10-28: H2105X50 (ASPH) S-8

RWY 10: Trees.

RWY 28: Thld dspcd 300'. Fence.

AIRPORT REMARKS: Attended Apr-Sep 1300-2300Z†. Attended irregularly Oct-Mar. Ultralight pattern altitude 411(400). Rwy 10-28 outlined with reflectors.**COMMUNICATIONS:** CTAF/UNICOM 123.0

Ⓡ BOSTON APP/DEP CON 124.4

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.**NORTH ADAMS****HARRIMAN-AND-WEST**

(AQW) 3 W UTC-5(-4DT) N42°41.77' W73°10.21'

NEW YORK

654 B S6 FUEL 100LL, JET A OX 3 TPA-1654(1000) NOTAM FILE AQW

L-326, 33B, 34J

RWY 11-29: H4300X100 (ASPH) S-25 MIRL

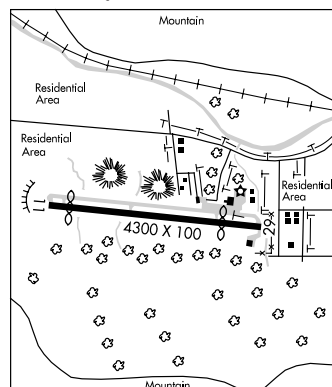
RWY 11: Thld dspcd 1180'. Trees.

RWY 29: Thld dspcd 800'. Trees.

AIRPORT REMARKS: Attended dawn-dusk. Mountain ranges 9,100 ft north at elev 1,894 ft; 4,300 ft north at elev 2,254 ft; 10,800 ft south at elev 2,951 ft; 12,800 ft south at elev 2,690 ft. Extensive glider operations sunrise-sunset surface-18,000 ft year round, primarily weekends and holidays. Deer and birds on and in/ov arpt. ACTIVATE MIRL Rwy 11-29—CTAF.**WEATHER DATA SOURCES:** ASOS 134.775 (413) 664-6658.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTV.

CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66'

W73°20.64' 171° 19.5 NM to fld. 1490/14W. HIWAS.



NORTHAMPTON (7B2) 1 NE UTC-5(-4DT) N42°19.69' W72°36.69'

NEW YORK

121 B S2 FUEL 100LL NOTAM FILE BTV

L-33C, 34J

RWY 14-32: H3365X50 (ASPH) S-7.5 HIRL

IAP

RWY 14: VASI(V4L)—GA 4.0° TCH 58'. Trees.

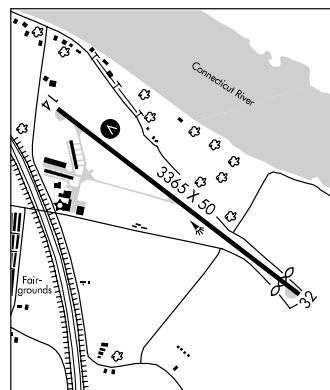
RWY 32: Thld dsplcd 250'. Trees.

AIRPORT REMARKS: Attended 1300-2300Z†. Fuel is 24 hr self-serve. Arpt CLOSED to acft and helicopters certified for 12,500 pounds and over. Rwy 14 VASI unusable beyond 1° left of center line.

ACTIVATE HIRL Rwy 14-32 and VASI Rwy 14—CTAF. Landing fee for commercial acft. Fee and PPR for commercial balloon ops.

COMMUNICATIONS: CTAF/UNICOM 122.7① **BRADLEY APP/DEP CON** 125.35 **CLNC DEL** 133.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE CEF.**BARNES (L) VORTAC** 113.0 **BAF** Chan 77 N42°09.72'

W72°42.97' 039° 11 NM to fld. 270/14W.

**NORWOOD MEM** (OWD) 2 E UTC-5(-4DT) N42°11.43' W71°10.38'

NEW YORK

49 B S4 FUEL 100LL, JET A OX 4 NOTAM FILE OWD

COPTER

RWY 17-35: H4008X100 (ASPH) S-58, D-69, ST-88 MIRL

L-33D, 34J

RWY 17: PAPI(P4R)—GA 3.0° TCH 40'. Trees.

IAP, AD

RWY 35: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 10-28: H3995X75 (ASPH) S-58, D-69, ST-88

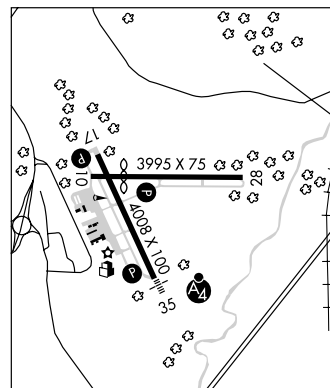
RWY 10: PAPI (P4R)—GA 4.0° TCH 25'. Thld dsplcd 987'. Tower.

RWY 28: Trees. Rgt tfc.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 35	10-28	3320

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†. 1349(1199) and 1349(1249) TV twr 8 NM NNW. 125' flagpole 1 mile NW of Rwy 17 apch. 1184(1063.5) twr 8.5 NM NNW. Rwy 28 and 35 rgt tfc for touch and go ldg only. All acft exceeding 87 effective perceived noise level in decibels or 75 decibels, as measured in Part 36 prohibited from using arpt. When twr clsd ACTIVATE MIRL Rwy 17-35, MALSF Rwy 35 and PAPI Rwy 10, Rwy 17, Rwy 35—CTAF. Ldg fee for transient acft with more than 5000 lbs max gross weight.

WEATHER DATA SOURCES: ASOS (781) 762-4314. LAWRS.**COMMUNICATIONS:** CTAF 126.0 ATIS 119.95 (781-769-3825)① **BOSTON APP/DEP CON** 124.1**TOWER** 126.0 (Nov 1-Apr 30 1200-0100Z†; May 1-Oct 31 1200-0300Z†) **GND CON** 121.8 **CLNC DEL** 121.8**AIRSPACE:** CLASS D svc Nov 1-Apr 30 1200-0100Z†, May 1-Oct 31 1200-0300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BOS.**BOSTON (H) VOR/DME** 112.7 **BOS** Chan 74 N42°21.45' W70°59.37' 235° 12.9 NM to fld. 20/16W.**STOGE NDB (LOM)** 397 **OW** N42°07.18' W71°07.70' 350° 4.7 NM to fld.**ILS/DME** 108.3 **I-OWD** Chan 20 Rwy 35. **LOM STOGE NDB.** LOC only. LOC unmonitored when twr clsd.

ORANGE MUNI (ORE) 1 SE UTC-5(-4DT) N42°34.21' W72°17.32'

NEW YORK

555 B S2 FUEL 80, 100LL, JET A NOTAM FILE ORE

H-101, 110, 121, L-33C, 34J

RWY 01-19: H5000X75 (ASPH) S-25 MIRL 0.4% up S

IAP

RWY 01: Thld dspcd 100'. Trees.

RWY 19: Thld dspcd 850'. Trees.

RWY 14-32: H4801X75 (ASPH) S-25 MIRL 0.4% up SE

RWY 14: Thld dspcd 1477'. Trees.

RWY 32: Thld dspcd 1659'. Trees.

AIRPORT REMARKS: Attended 1300-2200Z. Parachute Jumping.
Parachute jumping weekends only. ACTIVATE MIRL Rwy 01-19
and Rwy 14-32—CTAF.

WEATHER DATA SOURCES: ASOS 135.675 (978) 544-6774.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **BOSTON CENTER APP/DEP CON** 123.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76'
W72°03.49' 292° 10.3 NM to fld. 1280/14W.

NDB (MHW) 205 ORE N42°34.12' W72°17.17' at fld.
Unmonitored. Unusable beyond 15 NM.

COMM/NAV/WEATHER REMARKS: Clncl del thru Bridgeport RADIO (BDR)
1-866-293-5149.

**OTIS** N41°39.59' W70°30.85' NOTAM FILE BDR

NEW YORK

(L) **TACAN** Chan 105 FMH (115.8) at CAPE COD CGAS fld. 120/15W.

H-101, 110, 12K, L-33D

No NOTAM MP Mon 1500-1600Z.

DME unusable: 315°-100° byd 25 NM blo 3000'

AZIMUTH unusable: 360°-075° byd 30 NM blo 3000'

PLUM ISLAND (See NEWBURYPORT)**PITTSFIELD MUNI** (PSF) 2 W UTC-5(-4DT) N42°25.61' W73°17.58'

NEW YORK

1194 B S4 FUEL 100LL, JET A OX 4 NOTAM FILE PSF

H-101, 110, 121, L-33B, 34I

RWY 08-26: H5001X100 (ASPH-GRVD) S-44, D-54 MIRL 1.0% up W

IAP

RWY 08: Trees.

RWY 26: MALSF. VASI(V4L)—GA 3° TCH 55'. Trees. Rgt tfc.

RWY 14-32: H3496X100 (ASPH) S-25 MIRL 0.8% up NW

RWY 14: Trees.

RWY 32: VASI(V2L)—GA 3°. Trees. Rgt tfc.

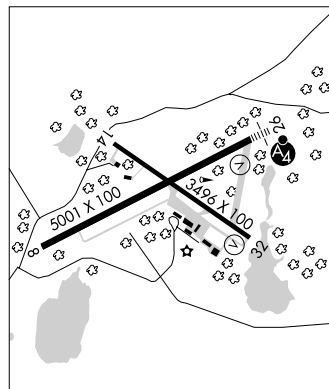
AIRPORT REMARKS: Attended Mon-Fri 1200-0100Z, Sat
1300-2300Z, and Sun 1300-2300Z. For fuel after hours call
413-499-6017. Wildlife on and in/ov arpt. Landing and parking
fees. All acft utilize twy systems A and C for Rwy 08-26. Twy A
use rstd to acft with wingspan less than 79'. ACTIVATE MIRL Rwy
08-26 and 14-32 and MALSF Rwy 26—CTAF.

WEATHER DATA SOURCES: ASOS 135.375 (413) 499-3273.**COMMUNICATIONS:** CTAF/UNICOM 122.7**RCO** 122.05 (BURLINGTON RADIO)**ALBANY APP/DEP CON** 132.825 **CLNC** DEL 128.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTW.

CHESTER (L) VOR/DME 115.1 CTR Chan 98 N42°17.48'
W72°56.96' 311° 17.3 NM to fld. 1600/13W.

DALTON NDB (MHW) 370 DXT N42°28.26' W73°10.21' 259°
6.1 NM to fld. NOTAM FILE PSF.

Unusable byd 12 NM.

ILS/DME 108.3 I-EIF Chan 20 Rwy 26. LOC only. LOC unmonitored.

PLYMOUTH MUNI (PYM) 4 SW UTC-5(-4DT) N41°54.54' W70°43.73'

NEW YORK

148 B S4 FUEL 100LL, JET A OX 2, 4 NOTAM FILE PYM

L-33D

RWY 06-24: H4349X75 (ASPH) S-25 MIRL 0.3% up NE

IAP

RWY 06: MALS F. PAPI(P4L)—GA 3.0° TCH 36'. Trees.

RWY 24: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Trees.

RWY 15-33: H3351X75 (ASPH) S-25 MIRL 0.4% up NW

RWY 15: Trees.

RWY 33: PAPI(P4L)—GA 3.0° TCH 37'. Tree.

AIRPORT REMARKS: Attended 1100-0300Z†. No touch and go ldg

0200-1300Z†. Be aware of hi-speed military jet and heavy

helicopter t/c vicinity of Cape Cod CGAS. Be alert for deer on and

involw rwy at night. ACTIVATE MIRL Rwy 06-24 and Rwy 15-33;

MALS F Rwy 06 and REIL Rwy 24—122.9.

WEATHER DATA SOURCES: ASOS 135.625 (508) 746-8003.

COMMUNICATIONS: CTAF/UNICOM 123.0

① CAPE APP/DEP CON 118.2 (1100-0400Z†) May 15-Sept 30;

(1100-0300Z†) Oct 1-May 14. CLNC DEL 127.75

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z†) May 15-Sept

30; (0300-1100Z†) Oct 1-May 14.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

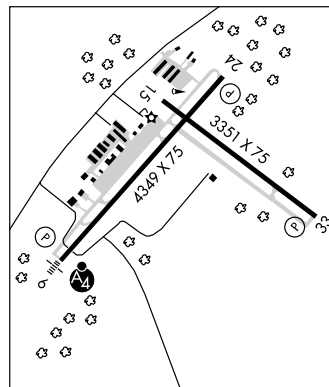
MARCONI (H) VORW/DME 114.7 L FV Chan 94 N42°01.03'

W70°02.24' 274° 31.6 NM to fld. 152/16W. HIWAS.

NDB (MHW) 257 FFF N41°50.85' W70°48.16' 058° 5 NM to

fld. NOTAM FILE PYM. Unmonitored 0700-1500Z†. Unusable byd 15 NM.

ILS/DME 109.35 I-PYM Chan 30(Y) Rwy 06.

**PROVINCETOWN MUNI** (PVC) 2 NW UTC-5(-4DT) N42°04.32' W70°13.28'

NEW YORK

9 B S2 FUEL 100LL NOTAM FILE PVC

COPTER

RWY 07-25: H3500X100 (ASPH) S-25 HIRL

L-33D

RWY 07: MALS F. REIL. PAPI(P4R)—GA 3.0° TCH 40'.

IAP

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees. Rgt tgc.

AIRPORT REMARKS: Attended May-Oct, dalgt hours; Nov-Apr, Mon-Sat

1100-2300Z†, Sun 1600-2330Z†. Check with arpt ops on fuel

availability, 508-487-0241. No ultralight ops permitted May

1-Sep 30. Coyote and deer on and involw arpt—especially at ngt.

ACTIVATE MALS F Rwy 07 and HIRL Rwy 07-25—122.85. Be aware

of hi-speed military and heavy helicopter traffic in vicinity of Cape

Cod CGAS. Parking fee.

WEATHER DATA SOURCES: AWOS-3 119.025 (508) 487-6435.

COMMUNICATIONS: CTAF/UNICOM 122.8

① CAPE APP/DEP CON 118.2 (1100-0400Z†) May 15-Sept 30;

1100-0300Z† Oct 1-May 14) CLNC DEL 120.65

BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z†) Jun 15-Sept 15;

0300-1100Z† Sept 16-Jun 14)

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

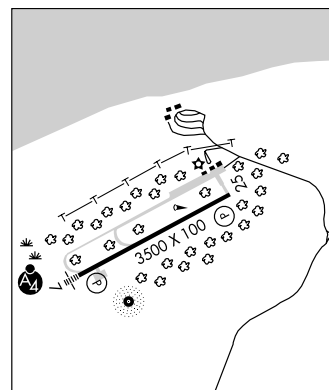
MARCONI (H) VORW/DME 114.7 L FV Chan 94 N42°01.03'

W70°02.24' 308° 8.9 NM to fld. 152/16W. HIWAS.

NDB (MHW) 389 PVC N42°04.13' W70°13.41' at fld. NOTAM

FILE PVC.

ILS/DME 111.1 I-VQO Chan 48 Rwy 07. ILS unmonitored.

**SHAKER HILL** N42°27.35' W71°10.71' NOTAM FILE BED.

NEW YORK

NDB (MHW) 251 SKR 296° 5 NM to Laurence G Hanscom Fld. Unmonitored indefinitely.

COPTER

Unusable byd 10 NM.

L-33D, 34J

SOUTHBRIDGE MUNI (3B0) 2 N UTC-5(-4DT) N42°06.07' W72°02.33'

NEW YORK

699 B S4 FUEL 100LL NOTAM FILE BDR

L-33C, 34J

RWY 02-20: H3501X75 (ASPH) S-28 MIRL 0.3% up N

IAP

RWY 02: REIL. PAPI(P2L)—GA 3.0°. Trees.

RWY 20: REIL. PAPI(P2L)—GA 3.5°. Trees.

AIRPORT REMARKS: Attended 1300Z†—dusk. Rwy 02 REIL OTS indef.

ACTIVATE MIRL Rwy 02-20, PAPI and REIL Rwy 02 and 20—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

® BRADLEY APP/DEP CON 119.0

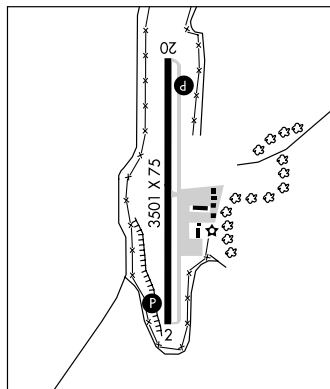
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 329° 12.3 NM to fld. 650/14W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR)

1-866-293-5149.

**SPENCER** (60M) 2 NE UTC-5(-4DT) N42°17.43' W71°57.88'

NEW YORK

1040 S4 FUEL 100LL TPA-1840(800) NOTAM FILE BDR

RWY 01-19: 1949X50 (ASPH) LIRL

RWY 01: Trees. RWY 19: Trees.

AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z†. ACTIVATE LIRL Rwy 01-19—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.

SPRINGFIELD/CHICOPEE**WESTOVER ARB/METROPOLITAN**

(CEF)(KCEF) CIV/MIL/AFRC 3 NE UTC-5(-4DT)

NEW YORK

N42°11.64' W72°32.09'

H-101, 110, 121, L-33C, 34J

241 B FUEL 100LL, JET A TPA-See Remarks Class I, ARFF Index E NOTAM FILE CEF

DIAP, AD

RWY 05-23: H11597X301 (ASPH) S-155, ST-175, D-250, DT-380, TDT 840, DDT-840 PCN 44 F/A/W/T HIRL

RWY 05: ALSF1. PAPI(P4L)—GA 3.0°. TCH 72'. Thld displcd 1201'. Rgt tfc.

RWY 23: ALSF1. PAPI(P4L)—GA 3.0°. TCH 64'.

RWY 15-33: H7082X150 (ASPH) S-95, D-170, DT-175, TDT-630, DDT-630 PCN 30 F/B/W/T HIRL

RWY 15: PAPI(P4L)—GA 3.0° TCH 76'. RWY 33: PAPI(P4L)—GA 3.0° TCH 75'. Rgt tfc.

MILITARY SERVICE: JASU (A/M32A-86) 2(MA-1A) 2(MC-1A) 3(LASS) FUEL J8(MIL) (NC-100LL, JET A)

FLUID SP PRESAIR De-Ice (Not avbl for frost/snow removal except AFRC/AMC missions.) LHOX LOX LHNIT

OIL O-148-156 TRAN ALERT Opr Sun-Sat 1200-0400Z except holidays.

AIRPORT REMARKS: Attended 1200-0400Z. Fuel operating hrs 1100-0300Z weekdays, 1100-1900Z weekends except holidays. Arpt CLOSED 0400-1200Z. Bird hazard. Unlit obstruction west side Rwy 05 clear zone, ARNG

no obstruction lgt. Strobe lgt located atop stacks 4000' left Rwy 23 thld; occasional steam cloud. VMC departing acft remain at or blo 1000 ft until past departure end of rwy to ensure separation from VFR overhead and clsd pattern tfc. First 1000' each end Rwy 05-23 concrete and middle 9600' is asphalt. Rwy 05-23 1000' overrun both ends of rwy. Transient parking area unlighted. Vehicle traffic on Sierra twy uncontrolled by twr.

Uncontrolled vehicular tfc on ramps and twys. Twy S clsd at intersection of Twy N. Airfield lgts avbl only during operating hours. Rotating bcn clear side is split clear lgt. Daylight turned on when airfield is IFR. Heavy VFR tfc blo 10,000 ft along river and highway 5 NM SW of airfield. Extensive hang glider and glider activity in the Mt. Greylock area approximately 45 NM NW of field. Light acft tfc, hang glider operations and hot air ballooning activity along river W and NW of arpt. Expect delay or full stop ldg when local or tactical training missions are in progress. Westover ARB is a joint-use airfield. IFR tkf and ldg minimums as prescribed by USAF regulations apply. Call arpt manager at 413-593-5543 for clarification. Civilian training limited to low apchs only.

Compass rose clsd to ngt ops for all acft, areas not lgtd. TPA rectangular light acft 1000(759), large acft 2000(1759), overhead 2500(2259). PAPI all rwys provides proper TCH for height Group 4 acft only. Rwy 23 PAPI unusable byd 6° right. PAPI off during opr hr periods of no tfc. Ldg fee.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. RSTD PPR DSN 589-2951, C413-557-2951, fax extension 2156. AMC, AMC-GAINED and AFRC acft opr restricted during Bird Watch Conditions Moderate (tkf or ldg permissions only when dep/arr route avoid identified bird activity, no local traffic pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), etc PTD/ATIS for current Bird Watch Condition Code. Continue opr by non-AFRC mil or civil acft during Bird Watch Condition Severe or Moderate are at their own discretion and will be strongly advised to discontinue opr. No transient C-5 acft arrivals authorized unless approved by 439th OG/CC DSN 589-2204. Circling to Rwy 05 not allowed due to noise abatement restrictions unless approved by 439 OG/CC. **CAUTION** Potential for hydroplaning after any precipitation. Ponding at intersection Rwy 05-23 and Rwy 15-33 measured in 1/10 th inches. See NOTAMS for KCEF. Uncontrolled vehicles on ramps and twys.**NS ABTMT** No practice apch for transient acft Sun 0300-0400Z, 1200-1700Z unless approved by 439 OG/DO only. **CS/TMS/AG/IMG** Avbl thru Base OPS 24 hr prior coordination required, DSN 589-2917/2951. Ctc PTD 2 hr prior to ldg via direct air/ground communications or telephone patch. **MISC** Advise twr of drag chute deployment prior to ldg. Tran aircrews ctc Base OPS 30 minutes prior to ldg with intentions. Base OPS does not have COMSEC avbl for tran aircrews. Tran aircrews should plan to arrive with appropriate amount of COMSEC to complete mission. No U-drive vehicles avbl, ctc transportation for all req DSN 589-3855.**COMMUNICATIONS:** CTAF 134.85 ATIS 114.0 138.1 (1200-0400Z) UNICOM 123.0 PTD 372.2**(R) BRADLEY APP/DEP CON** 125.35 281.5**TOWER** 134.85 348.75 (1200-0400Z) **GND CON** 118.35 275.8**COMD POST 439 AW** (CASINO ROYALE) 252.1 (Opr 24 hours)**PMSV METRO** 274.75 Full svc 1100-0400Z, DSN 589-2879, other times ctc 15th OWS DSN 576-9702. Ngt obsn ldt due to high ints security lgt. Afld WX is monitored by AN/FMQ-19 Automated Observing System and augmented by human observer during full svc hrs.**AIRSPACE:** CLASS D svc effective 1200-0400Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CEF.**BARNES (L) VORTAC** 113.0 BAF Chan 77 N42°09.72'W72°42.97' 091° 8.3 NM to fld. 270/14W.**(L) VORTACW** 114.0 CEF Chan 87 N42°11.85'W72°31.58' at fld. 241/14W. NOTAM FILE CEF. No NOTAM MP; VOR MP Tue 1400-1600Z, TACAN MP Thu 1400-1600Z.

VOR unusable:

051°-129° byd 20 NM blo 4000' 221°-299° byd 20 NM blo 4500'

130°-220° byd 20 NM blo 5000' 300°-050° byd 12 NM blo 4500'

TACAN unusable:

052°-201° byd 25 NM blo 8000' 300°-051° byd 25 NM blo 7000'

202°-299° byd 25 NM blo 6000'

ILS 109.9 I-GWJ Rwy 05. No NOTAM MP Mon, Wed, Fri 1400-1600Z.

ILS 109.9 I-CEF Rwy 23. Monitored 1200-0400Z. No NOTAM MP Mon, Wed, Fri 1400-1600Z.

COMM/NAV/WEATHER REMARKS: Twr ops extensions/irregular hours by NOTAM. ATIS No NOTAM MP Thu 1400-1600Z.

STERLING (3B3) 2 SW UTC-5(-4DT) N42°25.56' W71°47.57'

NEW YORK

459 B S2 FUEL 100LL NOTAM FILE BDR

L-33C, 34J

RWY 16-34: H3086X40 (ASPH) S-8 LIRL (NSTD)

RWY 16: Thld dsplcd 150'. Trees.

RWY 34: Thld dsplcd 500'. Tree.

AIRPORT REMARKS: Attended Thu-Sun 1300-2300Z±. Glider ops in vicinity of arpt SR-SS daily. Intensive glider activity on weekends. Rwy 16-34 NSTD LIRL; first 240' Rwy 16 unlgtd; first 240' Rwy 34 unlgtd. ACTIVATE LIRL Rwy 16-34 and rotating bcn—CTAF. Rwy lgts begin 200 ft down Rwy 16, and 300 ft down Rwy 34.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76'

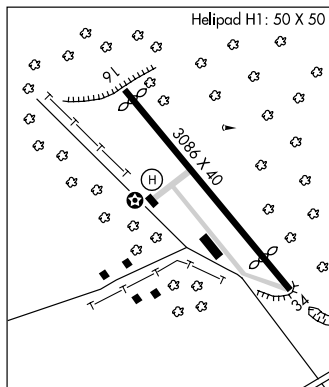
W72°03.49' 135° 13.8 NM to fld. 1280/14W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR)

1-866-293-5149.

.....

HELIPAD H1: H50X50 (ASPH)



STOGE N42°07.18' W71°07.70' NOTAM FILE OWD.

NEW YORK

NDB (LOM) 397° OW 350° 4.7 NM to Norwood Mem.

L-33D, 34J

STOW

MINUTE MAN AIR FIELD (6B6) 2 N UTC-5(-4DT) N42°27.63' W71°31.08'

NEW YORK

268 B S4 FUEL 100LL, MOGAS TPA—See Remarks NOTAM FILE BDR

L-33C, 34J

RWY 03-21: H2770X48 (ASPH) S-12.5 LIRL

IAP

RWY 03: Hiil. RWY 21: REIL. Trees.

RWY 12-30: 1600X70 (TURF-GRVL)

RWY 12: Trees. RWY 30: Trees.

AIRPORT REMARKS: Attended 1400-2100Z±. Tree obstruction in apch, primary and transition surfaces Rwy 03 and Rwy 12-30. Upwind and crosswind apchs not recommended. Noise abatement procedures in effect notify arpt manager 978-897-3933 of intention to opr between 0400-1100Z±. TPA for light acft 1300(1032). Helicopters use rgt tfc. Rotating bcn OTS 0400-1200Z±. ACTIVATE REIL Rwy 21—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

® BOSTON APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

MANCHESTER (L) VOR/DME 114.4 MHT Chan 91 N42°52.11'

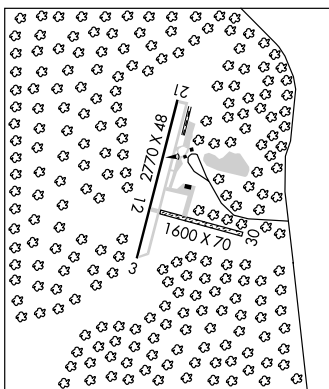
W71°22.17' 210° 25.3 NM to fld. 469/15W.

BEDDS NDB (LOM) 332 BE N42°28.79' W71°23.32' 274° 5.9

NM to fld. NOTAM FILE BED.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR)

1-866-293-5149.



TANNER—HILLER (See BARRE/BARRE PLAINS)

TAUNTON MUNI—KING FIELD (TAN) 3 E UTC-5(-4DT) N41°52.46' W71°01.00'

NEW YORK

43 B S4 FUEL 100LL NOTAM FILE BDR

L-33D

RWY 12-30: H3500X75 (ASPH) S-21 MIRL

IAP

RWY 12: Trees.

RWY 30: REIL. VASI(V4L)—GA 3.6°TCH 45'. Trees.

RWY 04-22: 1900X60 (TURF—GRVL)

RWY 04: Trees.

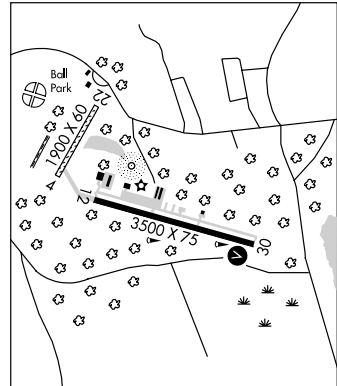
RWY 22: Trees.

AIRPORT REMARKS: Attended Sep-May 1300-2200Z†, Jun-Aug

1300-2300Z†. Rwy 04-22 surface rough and loose stones. Avoid flying over the elementary school at the departure end of Rwy 30. Helicopters avoid overflight of densely populated areas west and south of arpt. ACTIVATE MIRL Rwy 12-30; VASI Rwy 30 and lgtd windsock—CTAF.

WEATHER DATA SOURCES: ASOS 132.675 (508) 824-5005.**COMMUNICATIONS:** CTAF/UNICOM 122.7① **PROVIDENCE APP/DEP CON** 128.7 (1045-0500Z†)**BOSTON CENTER APP/DEP CON** 124.85 (0500-1045Z†)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PVD.**PROVIDENCE (H) VORTACW** 115.6 PVD Chan 103 N41°43.46'W71°25.78' 078° 20.6 NM to fld. 49/14W. **HIWAS.**

NDB (MHW) 227 TAN N41°52.59' W71°01.02' at fld. NOTAM FILE BDR. Unmonitored. NDB unusable 090°-180° beyond 15 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.**TOPSFIELD** N42°37.16' W70°57.41' NOTAM FILE BVY.

NEW YORK

NDB (MHW) 269 TOF 156° 2.8 NM to Beverly Muni. (Unmonitored).

COPTER

L-33D

TURNERS FALLS (See MONTAGUE)**VINEYARD HAVEN****MARTHAS VINEYARD** (MVY) 3 S UTC-5(-4DT) N41°23.58' W70°36.86'

NEW YORK

67 B FUEL 100LL, JET A TPA-1068(1000) Class I, ARFF Index A NOTAM FILE MVY

H-10J, 12J, L-33D

RWY 06-24: H5504X100 (ASPH-GRVD) S-65, D-108, ST-137, DT-185 HIRL

IAP, AD

RWY 06: REIL. VASI(V4L)—GA 3.0°TCH 60'. Trees.

RWY 24: MALSR. Rgt tfc.

RWY 15-33: H3297X75 (ASPH) S-31, D-45, DT-61 MIRL

0.3% up NW

RWY 15: Trees.

RWY 33: REIL. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-3297 TODA-3297 ASDA-3297 LDA-3297

RWY 33: TORA-3297 TODA-3297 ASDA-3297 LDA-3297

AIRPORT REMARKS: Attended 1100-0300Z†. Be aware of hi-speed

military jet and heavy helicopter tfc vicinity of Cape Cod CGAS.

Arpt has noise abatement procedures, etc ops 508-693-7022.

24 hr PPR for unscheduled air carrier ops with more than 9 passenger seats call arpt manager 508-693-7022. Rwy 24 touchdown runway visual range avbl. Twy E clsd to acft with over 9 passengers. REIL Rwy 06 OTS indef. When twr clsd ACTIVATE HIRL Rwy 06-24, MALSR Rwy 24, MIRL Rwy 15-33, REIL Rwy 33—CTAF. ACTIVATE REIL Rwy 06 (24 hours)—CTAF. Parking fee all acft. Ldg fee all acft over 6000 lbs.

WEATHER DATA SOURCES: ASOS (508) 696-6988.**COMMUNICATIONS:** CTAF 121.4 ATIS 126.25 508-693-7685.

UNICOM 122.95

RCO 122.1R 114.5T (BRIDGEPORT RADIO)

① **CAPE APP/DEP CON** 134.65 133.75 119.7 (3000' to 14,000') (1100-0400Z†) May 15-Sept 30 (1100-0300Z†)

Oct 1-May 14.

CLNC DEL 119.7 (when twr clsd)

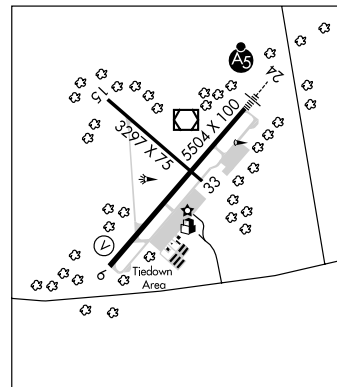
BOSTON CENTER APP/DEP CON 128.75 (0400-1100Z†) May 15-Sept 30 (0300-1100Z†) Oct 1-May 14.**VINEYARD TOWER** 121.4 (May 15-Oct 31 1100-0300Z†, Nov 1-May 14 1200-2200Z†) **GND CON** 121.8

CLNC DEL 121.8

AIRSPACE: CLASS D svc May 15-Oct 31 1100-0300Z†, Nov 1-May 14 1200-2200Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MVY.

(L) VOR/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' at fld. 60/15W.

ILS/DME 108.7 I-MVY Chan 24 Rwy 24. Class 1E. ILS unmonitored.



WAIVS N41°18.68' W69°59.21' NOTAM FILE ACK.
NDB (LOM) 248 AC 240° 4.8 NM to Nantucket Meml.

WALTER J. KOLADZA (See GREAT BARRINGTON)

WESTFIELD/SPRINGFIELD

BARNES MUNI (BAF) 3 N UTC-5(-4DT) N42°09.46' W72°42.94'
 271 B S4 **FUEL** 100LL, JET A OX 1, 2 TPA-See Remarks LRA
 Class IV, ARFF Index A NOTAM FILE BAF

NEW YORK
 H-101, 110, 121, L-33C, 34J
 IAP, AD

Rwy 02-20: H9000X150 (ASPH-GRVD) S-75, D-160, ST-175,
 DT-240 HIRL

Rwy 02: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

Rwy 20: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Trees.

Rwy 15-33: H5000X100 (ASPH) S-51, D-60,
 DT-155 MIRL 0.3% up NW.

Rwy 15: Thld dsplcd 490'. Trees.

Rwy 33: PAPI(P4R)—GA 3.5° TCH 41'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

Rwy 02: TORA-9000 TODA-9000 ASDA-9000 LDA-9000

Rwy 15: TORA-5000 TODA-5000 ASDA-4508 LDA-4510

Rwy 20: TORA-9000 TODA-9000 ASDA-8919 LDA-8919

Rwy 33: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

AIRPORT REMARKS: Attended 1200-0100Z†. Fuel avbl 1200-0100Z†.

for svc after 0100Z† by prior arrangement or by phone

413-485-0053 or 413-562-4999. Severe downdraft apch end

Rwy 33 when wind northwest in excess of 15 kts. Birds and other

wildlife on and in/ov arpt. Twy G clsd to civilian ops. Acft and

helicopter noise abatement procedures in effect, ctc arpt manager

for complete noise abatement procedures at 413-572-6275. TPA 1300(1029) lgt acft, 1800(1529) heavy and

military acft. Expect military overhead and clsd pattern tfc. No touch and go landing or practice low approaches

0300-1200Z†. PPR 24 hours for air carrier ops with more than 9 passenger seats call arpt manager

413-572-6275. Jet acft starting units avbl. When twr clsd ACTIVATE MALSR Rwy 20; HIRL Rwy 02-20; MIRL

Rwy 15-33—CTAF. Landing fee for commercial, corporate and all acft over 5000 lbs. Flight Notification Service

(ADCUS) available.

WEATHER DATA SOURCES: ASOS (413) 568-2267. LAWRS.

COMMUNICATIONS: CTAF 118.9 ATIS 127.1 (413) 572-4561

RCO 122.1R 113.0T (BURLINGTON RADIO)

® **BRADLEY APP/DEP CON** 125.35 **CLNC DEL** 121.7 (0300-1200Z†)

WESTFIELD TOWER 118.9 (1200-0300Z†) **GND CON** 121.7

AIRSPACE: CLASS D svc 1200-0300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CEF.

(L) **VORTAC** 113.0 BAF Chan 77 N42°09.72' W72°42.97' at fld. 270/14W.

VORTAC unusable 310°-340° byd 25NM blo 6500'.

ILS 111.9 I-BAF Rwy 20. Class IA. ILS unmonitored when twr clsd.



WESTOVER ARB/METROPOLITAN (See SPRINGFIELD/CHICOPEE)

WORCESTER RGNL (ORH) 3 W UTC-5(-4DT) N42°16.04' W71°52.54'

NEW YORK

1009 B S4 FUEL 100LL, JET A LRA Class I, ARFF Index B

H-101, 11D, 12J, L-33C, 34J

NOTAM FILE ORH

IAP, AD

RWY 11-29: H7000X150 (ASPH-GRVD) S-60, D-108, ST-138.

DT-164 HIRL CL

RWY 11: MALSR. TDZL. Building.**RWY 29:** REIL. PAPI(P4L)—GA 3.0° TCH 54'. Tree.**RWY 15-33:** H5000X100 (ASPH-GRVD) S-60, D-108, ST-138,

DT-164 MIRL

RWY 15: REIL. VASI(V4L)—GA 3.0° TCH 35'. Antenna.**RWY 33:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 11:** TORA-7000 TODA-7000 ASDA-7000 LDA-7000**RWY 15:** TORA-5000 TODA-5000 ASDA-5000 LDA-5000**RWY 29:** TORA-7000 TODA-7000 ASDA-7000 LDA-7000**RWY 33:** TORA-5000 TODA-5000 ASDA-5000 LDA-5000**ARRESTING GEAR/SYSTEM****RWY 11:** EMAS 154'X 170'

AIRPORT REMARKS: Attended continuously. Wildlife invof arpt, birds on and invof arpt. Use caution for arpt vehicles monitoring CTAF and opr on arpt during non-towered hrs. During snow removal ops 30 minutes PPR on frequency 120.5 during twr hrs or frequency 119.0 during non twr hrs or call 508-799-1325. ACTIVATE HIRL Rwy 11-29; MIRL Rwy 15-33; MALSR Rwy 11 and PAPI Rwy 29 and Rwy 33—CTAF. Rwy 11 and Rwy 29 touchdown and rollout RVR avbl. Transient acft ctc FBO on 122.95 for svcs. Ldg fee for multi-engine acft and larger. Flight Notification Service (ADCUS) available.

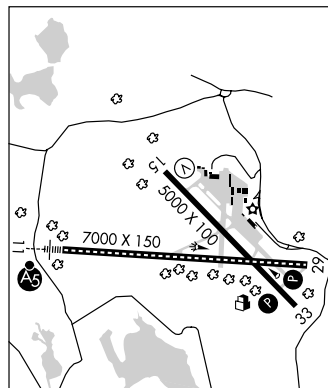
WEATHER DATA SOURCES: ASOS (508) 795-7546.**COMMUNICATIONS:** CTAF 120.5 ATIS 126.55 508-757-0962

UNICOM 122.95

RCO 122.2 (BRIDGEPORT RADIO)

① **BRADLEY APP/DEP CON** 119.0 **CLNC DEL** 119.0 (0200-1130Z†)**TOWER** 120.5 (1130-0200Z†) **GND CON** 123.85 **CLNC DEL** 128.65**AIRSPACE:** CLASS D svc 1130-0200Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**GARDNER (L) VOR/DME** 110.6 GDM Chan 43 N42°32.76' W72°03.49' 168° 18.6 NM to fld. 1280/14W.**DUNCA NDB (LOM)** 279 RS N42°16.47' W72°01.20' 109° 6.4 NM to fld.**GOZZR NDB (LOM)** 417 EK N42°15.59' W71°44.12' 289° 6.3 NM to fld.**ILS/DME** 110.9 I-RSR Chan 46 Rwy 11. Class IT. LOM DUNCA NDB. ILS unmonitored when tower clsd. DME unusable byd 15 NM.**ILS/DME** 110.9 I-EKW Chan 46 Rwy 29. Class IB. LOM GOZZR NDB. Unmonitored when twr clsd.

GS unusable coupled apch blo 1226' MSL.



ALTON BAY SPB (B18) 2 N UTC-5(-4DT) N43°28.66' W71°14.22'

NEW YORK

504 NOTAM FILE BGR

WATERWAY 01-19: 2600X100 (WATER)**WATERWAY 01:** Tree.**SEAPLANE REMARKS:** Unattended. Ice in winter plowed to approximately 2300'. Check NOTAMS for ice rwy conditions.

Rwy 01 thld 100' north of floating bandstand. All tkfs and ldgs must be north of the bandstand. All travel south of the bandstand must not exceed headway speed. Waterway 01-19 P-line marked with orange balls 1000 ft S of thld at S end, less than 30 ft height along roadway.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bangor RADIO (BGR) 1-866-295-3835.**BERLIN RGNL** (BML) 7 N UTC-5(-4DT) N44°34.52' W71°10.56'

MONTREAL

1161 B S2 FUEL 100LL, JET A NOTAM FILE BML

H-11D, L-32H

RWY 18-36: H5200X100 (ASPH) S-53, D-82, ST-104, DT-140 HIRL 0.5% up N

IAP

RWY 18: REIL. PAPI(P4L). TCH 46'. Tree.**RWY 36:** REIL. Trees.**AIRPORT REMARKS:** Attended 1300-2200Z+. For Jet A after hours call 603-449-2168; 100LL charge card system. Wildlife on and invof arpt. ACTIVATE HIRL Rwy 18-36, REIL Rwy 18, and REIL Rwy 36, PAPI Rwy 18-CTAF.**WEATHER DATA SOURCES:** ASOS 135.175 (603) 449-3328. HIWAS 110.4 BML.**COMMUNICATIONS:** CTAF/UNICOM 122.7

RCO 122.35 (BANGOR RADIO)

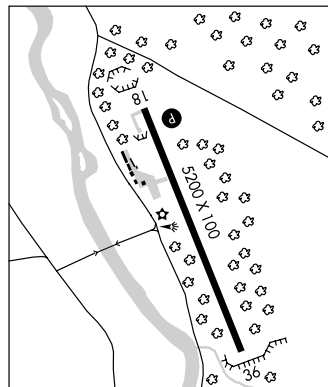
CLNC DEL 122.35 (BANGOR FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

(T) VOR/DME 110.4 BML Chan 41 N44°38.01'

W71°11.17' 190° 3.5 NM to fld. 1730/17W. HIWAS.

VOR/DME unusable 120°-130° below 6500'; 160°-180° below 6000'; 295°-305° below 6000'.

**BLNAP** N43°32.20' W71°32.22' NOTAM FILE LCI.

NEW YORK

NDB (MHW/LOM) 328 LC 083° 5.6 NM to Laconia Muni.

L-32H

BOIRE FLD (See NASHUA)**BRISTOL****NEWFOUND VALLEY** (2N2) 1 W UTC-5(-4DT) N43°35.52' W71°45.09'

NEW YORK

510 NOTAM FILE BGR

RWY 03-21: H1900X40 (ASPH)**RWY 03:** Tree.**RWY 21:** Tree.**AIRPORT REMARKS:** Unattended. Rwy plowed Dec thru Mar—Call arpt manager for current conditions 603-481-4159.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bangor RADIO (BGR) 1-866-295-3835.**CHERN** N42°49.40' W71°36.13' NOTAM FILE ASH.

NEW YORK

NDB (MHW/LOM) 359 AS 139° 4.6 NM to Boire Fld.

L-32H, 33C, 34J

CLAREMONT MUNI (CNH) 1 W UTC-5(-4DT) N43°22.23' W72°22.12'

NEW YORK

545 B S2 FUEL 100LL NOTAM FILE BGR

L-326

RWY 11-29: H3100X100 (ASPH) S-30 MIRL 0.3% up E

IAP

RWY 11: Thld dsplcd 1055'. Trees.

RWY 29: REIL. PAPI(P2L)—GA 4.0°TCH 31'. Trees.

AIRPORT REMARKS: Attended irregularly. For arpt svcs, call (603) 542-2282. Fuel self svc 24 hrs by credit card system. Expect downdraft in apch to Rwy 29. Taxiing on unpaved area prohibited. Rotating bcn difficult to see from the north when foliage is on the trees. ACTIVATE MIRL Rwy 11-29 and REIL Rwy 29-122.7.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.4 (BANGOR RADIO)

BOSTON CENTER APP/DEP CON 134.7 CLNC DEL 122.4 (Bangor RADIO)

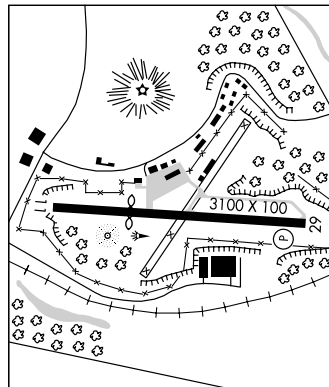
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.

LEBANON (L) VOR/DME 113.7 LEB Chan 84 N43°40.73'

W72°12.96' 215° 19.7 NM to fld. 1460/15W.

NDB (MHW) 233 CNH N43°22.16' W72°22.27' at fld. NOTAM FILE BGR.

Unusable 005°-049° byd 20 NM; 050°-004° byd 15 NM.



COLEBROOK

GIFFORD FLD (4C4) 1 SW UTC-5(-4DT) N44°53.00' W71°29.97'

MONTREAL

1010 NOTAM FILE BGR

RWY 04-22: 2450X75 (TURF)

RWY 04: Thld dsplcd 300'. Trees.

RWY 22: Road.

AIRPORT REMARKS: Unattended. Rwy 04-22 CLOSED Nov-May except ski acft. Call 603-237-4914 for airfield conditions. Rwy soft in spring. Road traverses rwy 425' from Rwy 04 thld. Rwy 04-22 NSTD markings, rwy edges and ends marked by yellow cones. Rwy 04 dsplcd thld marked by three yellow cones aligned perpendicular to each rwy edge.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor RADIO (BGR) 1-866-295-3835.

CONCORD MUNI (CON) 2 E UTC-5(-4DT) N43°12.16' W71°30.14'

NEW YORK

342 B S4 FUEL 100LL, JET A NOTAM FILE CON

H-11D, 12K, L-32H

RWY 17-35: H6005X100 (ASPH) S-43, D-60 HIRL

IAP

RWY 17: PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 650'. Trees.

RWY 35: MALSR. VASI(V2L)—GA 3.0° TCH 50'.

RWY 12-30: H3200X75 (ASPH) S-30 MIRL

RWY 12: Trees.

RWY 30: Trees.

AIRPORT REMARKS: Attended 1200-2200Z±, except Thanksgiving, Christmas, and New Years Day. Self-serve 100LL avbl 24 hrs with credit card. For jet A after hours call 1-603-228-2267 and follow prompts. Wildlife on and in/ovf arpt. Day and ngt VFR helicopter ops to and from New Hampshire State Police Hangar. Ops on National Guard twy and ramp prohibited without prior coordination due to security. Opr off paved surfaces prohibited due to conservation management activities. Twy lgts OTS indef. ACTIVATE HIRL Rwy 17-35, MIRL Rwy 12-30 VASI Rwy 35 and MALSR Rwy 35—CTAF.

WEATHER DATA SOURCES: ASOS 132.32 (603) 224-6558. HIWAS 112.9 CON.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.3 122.2 (BANGOR RADIO)

Ⓡ BOSTON APP/DEP CON 127.35 CLNC DEL 133.65

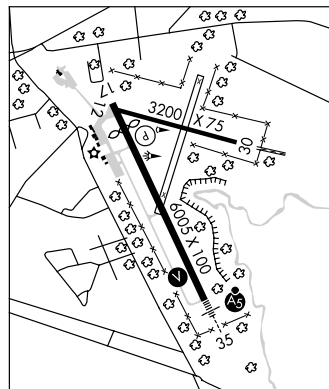
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

(L) VORTACW 112.9 CON Chan 76 N43°13.19' W71°34.53' 123° 3.4 NM to fld. 715/15W. HIWAS.

VORTAC unusable: 190°-210° byd 12 NM blo 4000' 318°-326° byd 30 NM blo 12,000'

EPSOM NDB (MHW/LOM) 216 CO N43°07.13' W71°27.15' 353° 5.5 NM to fld. Unusable beyond 20 NM.

ILS 108.7 I-CON Rwy 35. LOM EPSOM NDB.



DEAN MEM (See HAVERHILL)

DILLANT-HOPKINS (See KEENE)

EPSOM N43°07.13' W71°27.15' NOTAM FILE CON.

NEW YORK

NDB (MHW/LOM) 216 CO 353° 5.5 NM to Concord Muni. Unusable beyond 20 NM.

L-32H, 33D

ERROL (ERR) 1 NW UTC-5(-4DT) N44°47.55' W71°09.85'

MONTREAL

1245 TPA-2045(800) NOTAM FILE BGR

RWY 15-33: 3680X75 (GRVL)

RWY 15: Tree.

RWY 33: Tree.

AIRPORT REMARKS: Unattended. Moose and deer on and in/ovf arpt. Large patches of grass on rwy.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1-866-295-3835.

FITZY N42°51.85' W71°31.73' NOTAM FILE MHT.

NEW YORK

NDB (LOM) 209 MJ 061° 5.8 NM to Manchester.

FRANCONIA (1B5) 2 S UTC-5(-4DT) N44°11.75' W71°44.97'

MONTREAL

970 NOTAM FILE BGR

RWY 18-36: 2305X150 (TURF)

RWY 18: Thld dsplcd 400'. Tree.

RWY 36: Tree. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED Oct 31-May 16 and SS-SR. Wildlife on and in/ovf arpt. First 200' of Rwy 18 soft. Prior to using arpt call 603-823-5542. Avoid flying over residential area at dep end Rwy 18; arr Rwy 36 should maintain sufficient altitude on final so as to avoid low altitude and/or high power settings over residential area which underlies final apch Rwy 36.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1-866-295-3835.

GIFFORD FLD (See COLEBROOK)

GORHAM (2G8) 1 NW UTC-5(-4DT) N44°23.68' W71°11.88'

MONTREAL

835 NOTAM FILE BGR

RWY 12-30: 2667X70 (TURF)

RWY 12: Thld dsplcd 250'. Trees.

RWY 30: Thld dsplcd 250'. Tree.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED Nov 1-May 15. Other times check NOTAMS or during normal business hrs only call 603-466-3302. Leave telephone number and expect return call for field condition. Refueling and maintenance of acft is prohibited. Wildlife on and invof arpt. AER 30 soft in spring/heavy rains. Rwy 12-30 outer 20 ft each side rough. Rwy 12-30 edges and ends markes by yellow cones. Rwy 12 and Rwy 30 dsplcd thlds marked by three yellow cones aligned perpendicular to each rwy edge.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bangor RADIO (BGR) 1-866-295-3835.**HAMPTON AIRFIELD** (7B3) 2 N UTC-5(-4DT) N42°57.76' W70°49.72'

NEW YORK

93 S3 FUEL 100LL, MOGAS NOTAM FILE BGR

RWY 02-20: 2100X170 (TURF) LIRL(NSTD)

RWY 02: Tree.

RWY 20: Thld dsplcd 300'. Fence.

AIRPORT REMARKS: Attended 1300Z±-dusk. Wildlife on and invof arpt. Road at Rwy 20 thld with moderate vehicle tfc. ACTIVATE LIRL Rwy 02-20—122.4 or call 603-964-6749/8833. Rwy 02-20 nstd LIRL; 85 ft from rwy center line. Rwy 20 nstd dsplcd thld, single red/green lgt each side.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bangor RADIO (BGR) 1-866-295-3835.**HANOVER** N43°42.14' W72°10.65' NOTAM FILE LEB.

NEW YORK

NDB (MHW) 276 LAH 245° 7.2 NM to Lebanon Muni.

L-32H

HAVERHILL**DEAN MEM** (5B9) 3 NE UTC-5(-4DT) N44°04.81' W72°00.47'

MONTREAL

582 FUEL 100LL NOTAM FILE BGR

L-32H

RWY 01-19: H2511X58 (ASPH) S-8.5 LIRL (NSTD) 1.4% up S

IAP

RWY 01: Thld dsplcd 185'. Tree.

RWY 19: Pole.

AIRPORT REMARKS: Attended irregularly. For winter conditions call 603-787-6256 or 603-989-5845 24 hours before use. Rwy 19 38 ft building 100 ft left 300 ft from rwy end. Rwy 01-19 NSTD LIRL; first 185 ft Rwy 01 not lgtd. ACTIVATE LIRL Rwy 01-19 and windsock—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

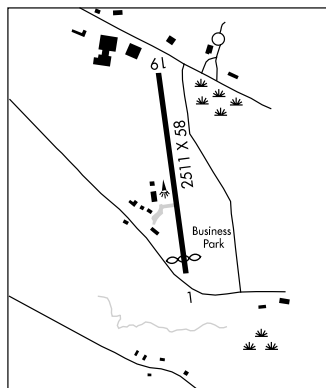
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.

MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13'

W72°26.96' 107° 19.1 NM to fld. 2080/16W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor FSS

1-866-295-3835.

**HAWTHORNE-FEATHER AIRPARK** (See HILLSBORO)

HILLSBORO**HAWTHORNE-FEATHER AIRPARK** (8B1) 3 S UTC-5(-4DT) N43°04.00' W71°53.97'NEW YORK
L-32H, 33B

600 B FUEL 100LL NOTAM FILE BGR

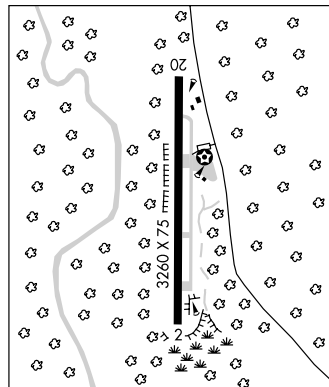
RWY 02-20: H3260X75 (ASPH) S-8 MIRL

RWY 02: Road. RWY 20: Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Prior to using arpt call 603-588-6868 for arpt conditions. Self serve fuel avbl 24 hrs by credit card system. ACTIVATE Rotating beacon, MIRL Rwy 02-20—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE CON.

CONCORD (L) VORTACW 112.9 CON Chan 76 N43°13.19'

W71°34.53' 252° 16.9 NM to fld. 715/15W. HIWAS

COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor RADIO (BGR)
1-866-295-3835.**JAFFREY ARPT-SILVER RANCH** (AFN) 1 SE UTC-5(-4DT) N42°48.31' W72°00.18'NEW YORK
L-32G, 33C
IAP

1040 B S2 FUEL 100LL TPA-2040(1000) NOTAM FILE AFN

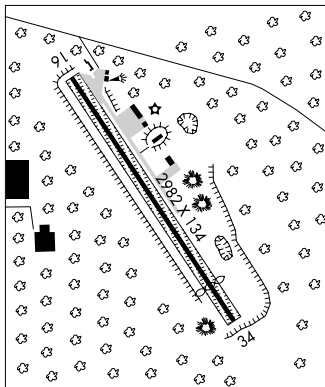
RWY 16-34: H2982X134 (ASPH-TURF) S-8 LIRL (NSTD) 0.9% up N

RWY 16: Tree. RWY 34: Thld dsplcd 582'. Ground.

AIRPORT REMARKS: Attended 1300Z-dusk. Wildlife on and invof arpt. Ultralight activity on arpt. Rwy 16-34 CLOSED to touch-and-go lds. PAEW AER 34; maximum equipment height 50 ft AGL; AER 34 obstruction lgts OTS. PPR for NSTD LIRL Rwy 16-34 call 603-532-8870. Rwy 16-34 NSTD LIRL first 582 ft Rwy 34 not lgtd; thld lgts at 582 ft. Rwy 16-34 center 50 ft wide portion of the entire length is asph; the remaining 84 ft portion of the rwy width is made up of two 42 ft wide strips of turf; one on each side of the asph entire length of rwy. Rwy sfc uneven with pavement patches and widespread alligator cracking. Parallel twy serves hangar/ramp only—no access to Rwy 34. Rotating bcn OTS indef.**WEATHER DATA SOURCES:** ASOS 135.875 (603) 532-6195.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **BOSTON CENTER APP/DEP CON** 123.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.

GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76'

W72°03.49' 023° 15.7 NM to fld. 1280/14W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor RADIO (BGR)
1-866-295-3835.**KEENE** N42°47.66' W72°17.51' NOTAM FILE EEN.NEW YORK
H-11D, 12K, L-32G, 33C

(L) VORTAC 109.4 EEN Chan 31 022° 6.3 NM to Dillant-Hopkins. 1380/14W.

VORTAC unusable 070°-085° byd 27 NM blo 8000'

DME portion unusable 111°-117° byd 35 NM blo 5000'

VOR portion unusable 226°-254° blo 4000'.

RCO 122.1R 109.4T (BANGOR RADIO)

KEENE**DILLANT-HOPKINS** (EEN) 2 S UTC-5(-4DT) N42°53.90' W72°16.25'

NEW YORK

488 B S4 FUEL 100LL, JET A OX 1, 3 NOTAM FILE EEN

H-11D, 12K, L-326, 33C

RWY 02-20: H6201X100 (ASPH) D-60 HIRL

IAP, AD

RWY 02: MALSR: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 20: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 14-32: H4001X150 (ASPH) S-25 MIRL 0.3% up SE

RWY 14: Trees. RWY 32: Thld displcd 1100'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z†, Sat-Sun 1200-2200Z†. 100LL avbl 24 hrs with credit card. For jet fuel after hrs call 603-352-0055. Wildlife on and invof arpt. Twy H clsd indef. Noise Abatement Procedures: Winds blo 8 kts use Rwy 02. ACTIVATE MALSR Rwy 02, HIRL Rwy 02-20 and MIRL Rwy 14-32—CTAF. Ldg fee for all turbine powered acft.

WEATHER DATA SOURCES: AWOS-3 119.025 (603) 358-6424.**COMMUNICATIONS:** CTAF/UNICOM 123.0

KEENE RCO 122.1R 109.4T (BANGOR RADIO)

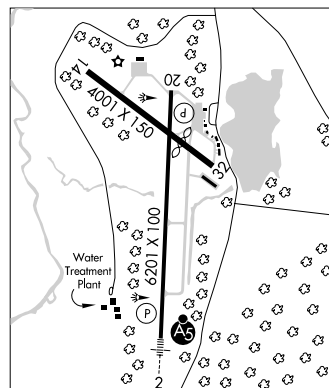
① BOSTON CENTER APP/DEP CON 123.75

RADIO AIDS TO NAVIGATION: NOTAM FILE EEN.

KEENE (L) VORTAC 109.4 EEN Chan 31 N42°47.66'

W72°17.51' 022° 6.3 NM to fld. 1380/14W.

ILS 108.9 I-EEN Rwy 02. Class IA. Glide slope unusable byd 5° rgt side of course. LOC unusable 25° rgt of course.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor RADIO (BGR) 122.1R 109.4T**LACONIA MUNI** (LCI) 3 NE UTC-5(-4DT) N43°34.38' W71°25.07'

NEW YORK

545 B S4 FUEL 100LL, JET A NOTAM FILE LCI

H-11D, 12K, L-32H

RWY 08-26: H5890X100 (ASPH-GRVD) S-60 HIRL 0.5% up W

IAP

RWY 08: MALSR: VASI(V4L)—GA 3.0° TCH 40'. Trees.

RWY 26: REIL: PAPI (P4R)—GA 4.0° TCH 55'. Thld displcd 244'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-5890 TODA-5890 ASDA-5646 LDA-5646

RWY 26: TORA-5890 TODA-5890 ASDA-5530 LDA-5286

AIRPORT REMARKS: Attended 1200-0000Z†. 100LL avbl 24 hrs with credit card system. Wildlife on and invof arpt. Rwy 26 PAPI unusable byd 6° left of centerline. Rwy 08 RAIL portion OTS indef. ACTIVATE HIRL Rwy 08-26, MALSR Rwy 08, VASI Rwy 08, PAPI Rwy 26 and REIL Rwy 26—CTAF.

WEATHER DATA SOURCES: AWOS-3 133.525 (603) 524-5134.**COMMUNICATIONS:** CTAF/UNICOM 123.0

① BOSTON APP/DEP CON 134.75 CLNC DEL 119.85

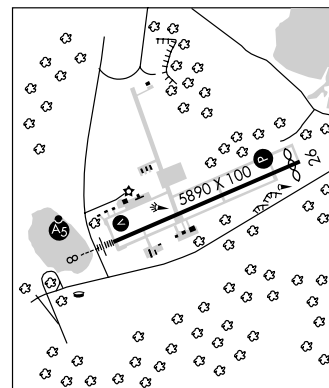
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

CONCORD (L) VORTACW 112.9 CON Chan 76 N43°13.19'

W71°34.53' 033° 22.3 NM to fld. 715/15W. HIWAS

BLNAP NDB (MHW/LOM) 328 LC N43°32.20' W71°32.22' 083° 5.6 NM to fld.

ILS/DME 108.5 I-LCI Chan 22 Rwy 08. Class IB. LOM BLNAP NDB. DME unusable byd 30° rgt of course.



LEBANON MUNI (LEB) 3W UTC-5(-4DT) N43°37.57' W72°18.25'

NEW YORK

603 B S4 **FUEL** 100LL, JET A OX 1 LRA Class I, ARFF Index A NOTAM FILE LEB H-11D, 12K, L-32G IAP, AD**RWY 07-25:** H5496X100 (ASPH-GRVD) S-42, D-60 MIRL**RWY 07:** REIL. PAPI(P4L)—GA 4.0° TCH 50'. Trees.**RWY 25:** REIL. VASI(V4L)—GA 3.8° TCH 54'. Ground.**RWY 18-36:** H5200X100 (ASPH-GRVD) S-42, D-48 HIRL
0.8% up S**RWY 18:** REIL.**RWY 36:** PAPI(P4L)—GA 3.75° TCH 50'. Trees.

AIRPORT REMARKS: Attended 1100-0300Z†. Occasional deer and bird activity on and in/ovf arpt. 24 hr PPR for unscheduled air carrier ops with more than 30 passenger seats: call arpt manager 603-298-8878. ARFF is only avbl for scheduled air carrier ops 15 min before or after the scheduled arrival or departure times. Prior coordination is required for air carriers operating outside these hrs. Hang glider ops vicinity Mt. Ascutney VT 20 SW Lebanon surface—8000 ft days. No practice low apch or touch and go ldg 0500-1200Z†. Noise abatement procedures in effect; ctc arpt manager. All arrival/departure acft follow manufacturer's recommended procedure for quiet ops and minimum noise. East ramp clsd. ACTIVATE MIRL Rwy 07-25 and HIRL Rwy 18-36—CTAF. Ldg fees except for non-commercial single engine.

WEATHER DATA SOURCES: ASOS 118.65 (603) 298-8780. LAWRS.**COMMUNICATIONS:** CTAF 125.95 ATIS 118.65 UNICOM 122.95

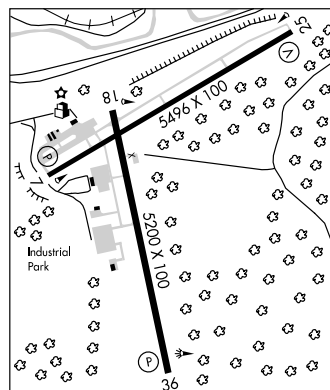
RCO 122.1R 113.7T (BANGOR RADIO)

RCO 122.5 122.2 (BANGOR RADIO)

® **BOSTON CENTER APP/DEP CON** 134.7**TOWER** 125.95 (1100-0300Z†). **GND CON** 121.6**AIRSPACE:** CLASS D svc 1100-0300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LEB.(L) **VOR/DME** 113.7 LEB Chan 84 N43°40.73' W72°12.96' 246° 5 NM to fld. 1460/15W.

VOR unusable 095°-115° byd 30 NM blo 7000'.

DME unusable 045°-075° byd 36 NM blo 10000'; 091°-119° byd 30 NM blo 7500'; 161°-304° byd 30 NM blo 6300'.

HANOVER NDB (MHW) 276 LAH N43°42.14' W72°10.65' 245° 7.2 NM to fld.**WHITE RIVER NDB (MHW)** 379 IVV N43°33.61' W72°27.93' 077° 8.1 NM to fld.**ILS/DME** 111.9 I-DVR Chan 56 Rwy 18. LOC unusable byd 30° left of course. LOC unusable byd 30° right of course. LOC unusable inside .5NM inbound.**COMM/NAV/WEATHER REMARKS:** 121.5 not available at tower.**MAHN** N44°21.74' W71°41.16' NOTAM FILE HIE.

MONTREAL

NDB (MHW) 386 GMA 104° 6.1 NM to Mt Washington Rgnl. Unmonitored.

L-32H

NDB unusable:

byd 15 NM blo 9000'

MANCHESTER (MHT) 3 S UTC-5(-4DT) N42°55.97' W71°26.14'

NEW YORK

266 B S4 FUEL 100LL, JET A OX 3 LRA Class I, ARFF Index C

H-110, 12K, L-32H, 33D

NOTAM FILE MHT

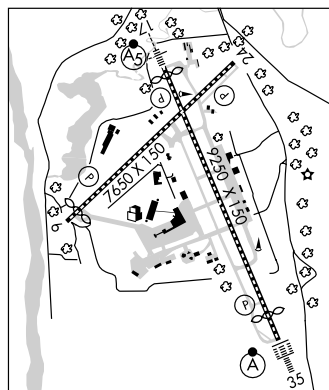
IAP, AD

RWY 17-35: H9250X150 (ASPH-GRVD) S-200, D-300, ST-175, DT-350 HIRL CL**RWY 17:** MALSR. TDZL. PAPI(P4R)—GA 3.1° TCH 49'. Thld dspcd 336'. Pole. 0.3% up.**RWY 35:** ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dspcd 850'. Trees. 0.8% down.**RWY 06-24:** H7650X150 (ASPH-GRVD) S-200, D-300, ST-175, DT-350 HIRL CL**RWY 06:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dspcd 442'. Trees.**RWY 24:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 06:** TORA-7650 TODA-7650 ASDA-7650 LDA-7208**RWY 24:** TORA-7650 TODA-7650 ASDA-6850 LDA-6850**RWY 17:** TORA-9250 TODA-9250 ASDA-9250 LDA-8914**RWY 35:** TORA-9250 TODA-9250 ASDA-8500 LDA-7650**ARRESTING GEAR/SYSTEM****RWY 06:** EMAS 300'X 170'**AIRPORT REMARKS:** Attended continuously. No touch and go lds during

snow removal opr. Noise abatement procedures: Turbojet acft should expect a right turn when departing Rwy 17.

Twy A safety area S of Twy E to Twy P is 65' on the west side. Twy C clsd W of Twy A due to construction indef.

Jet acft taxiing westbound across Rwy 17-35 at Twy C, Twy D and Twy E must use caution low settings due to lgt acft parked on the east ramp. No taxiing between pushed back acft and the airline terminal or cargo ramps. Acft not permitted to taxi between airline terminal bldg and acft that have pushed back or are taxiing on Twy G or Twy N. Air carrier acft only permitted to oper on airline terminal ramp. Air carriers excluded from Twy L. Rwy 35 touchdown, midfield and rollout runway visual range avbl. Rwy 06 touchdown and rollout runway visual range avbl. Rwy 24 touchdown and rollout runway visual range avbl. Rwy 17 touchdown, midfield and rollout runway visual range avbl. Ldg fee. U.S. Customs user fee aprt.

WEATHER DATA SOURCES: ASOS 119.55 (603) 668-8992. LAWRS.**COMMUNICATIONS:** ATIS 119.55 UNICOM 122.95**RCO 122.1R 114.4T (BANGOR RADIO)****(R) BOSTON APP/DEP CON 124.9****TOWER 121.3 GND CON 121.9 CLNC DEL 135.9****AIRSPACE:** CLASS C svc continuous ctc APP CON**RADIO AIDS TO NAVIGATION:** NOTAM FILE MHT.**(L) VOR/DME 114.4 MHT** Chan 91 N42°52.11' W71°22.17' 338° 4.8 NM to fld. 469/15W.**FITZY NDB (LOM) 209 MJ** N42°51.85' W71°31.73' 061° 5.8 NM to fld.**ILS 109.95 I-MJE** Rwy 06. Class IT. LOM FITZY NDB.**ILS/DME 109.1 I-MNA** Chan 28 Rwy 17. Class IE.**ILS/DME 109.1 I-MHT** Chan 28 Rwy 35. Class IIIE.**MOULTONBORO** (5M3) 1 NE UTC-5(-4DT) N43°46.11' W71°23.21'

NEW YORK

571 B S4 FUEL 100LL NOTAM FILE BGR

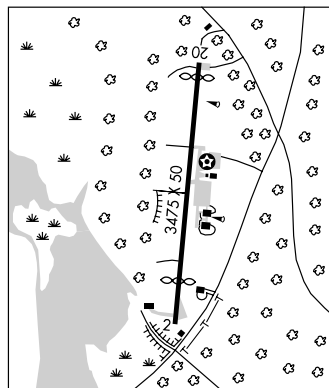
L-32H

RWY 02-20: H3475X50 (ASPH) S-8 LIRL (NSTD)**RWY 02:** Thld dspcd 440'. Tree.**RWY 20:** Thld dspcd 145'. Trees.

AIRPORT REMARKS: Attended May-Nov, Mon-Fri 1400-2300Z±. Dec-Apr irregularly. 24 hr self-service fuel avbl with credit card. Glider ops on and in/ov aprt. Wildlife on and in/ov aprt. Rwy 02 Pline along road marked with red balls. Rwy 02-20 NSTD LIRL: lghts are 4 ft high; lghtd only between dspcd thlds; variable spacing; 2890 ft of rwy lghtd. Rwy thld lighting NSTD. Clear lenses only. Rwy 02 NSTD Rwy and dspcd thld area markings. Rwy 20 NSTD Rwy markings, no dspcd thld area markings. ACTIVATE NSTD LIRL Rwy 02-20 and rotating bcn—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE CON.**CONCORD (L) VORTACW 112.9 CON** Chan 76 N43°13.19'W71°34.53' 029° 33.9 NM to fld. 715/15W. **HIWAS.****COMM/NAV/WEATHER REMARKS:** Cinc del thru Bangor RADIO (BGR)

1-866-295-3835.



MOUNT WASHINGTON RGNL (See WHITEFIELD)**NASHUA****BOIRE FLD** (ASH) 3 NW UTC-5(-4DT) N42°46.91' W71°30.89'

NEW YORK

199 B S4 FUEL 100LL, JET A1 + OX 1, 2, 3, 4 TPA—See Remarks

H-11D, 12K, L-33C

NOTAM FILE ASH

IAP, AD

RWY 14-32: H5501X100 (ASPH) S-62, D-80, ST-102,
DT-133 HIRL.**RWY 14:** MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Tree.**RWY 32:** REIL. VASI(V2L)—GA 3.0° TCH 47'. Tree.**AIRPORT REMARKS:** Attended 1200-0200Z±. Migratory birds and wildlife on and in/ovf arpt. When twr clsd ACTIVATE HIRL Rwy 14-32, REIL Rwy 32 and MALSR Rwy 14 after hrs—CTAF. TPA for light acft is 1199 (1000) and for jet and heavy acft is 1699 (1500). Arpt has noise abatement procedures contact arpt manager 603-882-0661.**WEATHER DATA SOURCES:** ASOS 125.1 (603) 578-0473.**COMMUNICATIONS:** CTAF 133.2 ATIS 125.1**(R) BOSTON APP/DEP CON 124.9 GND CON 121.8** (When twr clsd)

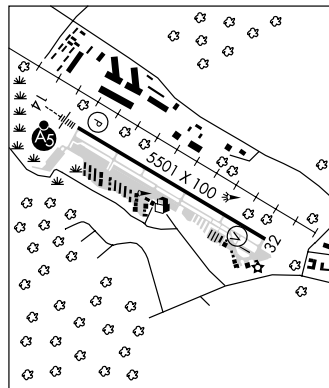
CLNC DEL 121.8 (When twr clsd)

NASHUA TOWER 133.2 (1200-0200Z±) **GND CON 121.8**

CLNC DEL 121.8

AIRSPACE: CLASS D svc 1200-0200Z± other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MHT.**MANCHESTER (L) VOR/DME 114.4** MHT Chan 91 N42°52.11'

W71°22.17' 246° 8.3 NM to fld. 469/15W.

CHERN NDB (MHW/LOM) 359 AS N42°49.40' W71°36.13' 139° 4.6 NM to fld.**ILS 109.7** I-ASH Rwy 14. Class IA. LOM CHERN NDB.**NEWFOUND VALLEY** (See BRISTOL)**NEWPORT****PARLIN FLD** (2B3) 2 N UTC-5(-4DT) N43°23.29' W72°11.36'

NEW YORK

784 FUEL 100LL NOTAM FILE BGR

L-32G

RWY 18-36: H3450X50 (ASPH) S-12 RWY LGTS(NSTD)**RWY 18:** Thld dspcd 690'. Tree. Rgt tfc. **RWY 36:** Thld dspcd 240'. Tree.**RWY 12-30:** 1950X80 (TURF)**RWY 12:** Trees. Rgt tfc.**RWY 30:** Tree.**AIRPORT REMARKS:** Attended irregularly. Arpt attendance intermittent, call 603-863-1200. Self svc fuel avbl 24 hrs with credit card. Rwy 12-30 CLOSED Nov-May. Wildlife on and in/ovf arpt. +2" cracks throughout rwy surface.

ACTIVATE RWY 18-36 NSTD rwy lgts and lighted windcone—CTAF. Rwy 18 end indicators NSTD reflector bars.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE LEB.**LEBANON (L) VOR/DME 113.7** LEB Chan 84 N43°40.73' W72°12.96' 191° 17.5 NM to fld. 1460/15W.**COMM/NAV/WEATHER REMARKS:** Clnc del thru Bangor FSS 1-866-295-3835.**PARLIN FLD** (See NEWPORT)**PEASE** N43°05.07' W70°49.92' NOTAM FILE PSM

NEW YORK

(L) VOR/DME 116.5 PSM Chan 112 at Portsmouth Intl. at Pease 99/16W.

H-11D, 12K, L-32H, 33D

VOR/DME unusable:

080°-085° byd 35 NM blo 2500'

DME unusable:

029°-071° byd 35 NM blo 2500'

115°-120° byd 37 NM blo 2500'

190°-205° byd 35 NM blo 2500'

225°-240° byd 25 NM blo 2500'

PLYMOUTH MUNI (1P1) 3 NW UTC-5(-4DT) N43°46.75' W71°45.22'

NEW YORK

505 NOTAM FILE BGR

RWY 12-30: 2380X90 (TURF)

RWY 12: Road.

RWY 30: Thld dsplcd 300'. Tree.

AIRPORT REMARKS: Attended irregularly. Call 603-536-5818 or 603-254-6361. Wildlife on and invof arpt. Rwy

12-30 soft in spring, not maintained in winter. Ultralight activity on and in vicinity of arpt. Rwy 12-30 has 1161'

MSL mountain 1.5 NM north of Rwy 30 left of centerline. Rwy 12-30 edges and ends marked by yellow cones.

Rwy 30 dsplcd thld marked by three yellow cones aligned perpendicular to each rwy edge. Numerous non-radio equipment acft operating from airfld.

WEATHER DATA SOURCES: AWOS-3 118.45 (603) 536-1698.**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bangor RADIO (BGR) 1-866-295-3835.**PORTSMOUTH**

PORTSMOUTH INTL AT PEASE (PSM) 1 W UTC-5(-4DT) N43°04.68' W70°49.40'

NEW YORK

100 B S4 FUEL 100LL, JET A OX 3, 4 TPA-See Remarks LRA

H-110, 12K, L-32H, 33D

Class I, ARFF Index E NOTAM FILE PSM

IAP, AD

RWY 16-34: H11321X150 (ASPH-CONC-GRVD) S-120, D-175,

DT-175, DDT-549 PCN 53 R/B/X/T HIRL

RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Thld dsplcd 803'.

Trees. Rgt tfc. 0.3% down.

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 64'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-11321 TODA-11321 ASDA-11321 LDA-10518

RWY 34: TORA-11321 TODA-11321 ASDA-11321 LDA-11321

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt.

Turbulence apch end Rwy 34 in strong cross winds. Rwy 34 is

preferred when tail wind component is less than 5 knots. Rwy 16

is preferred for tkf between 0300-1159Z†, when tail wind

component is 5 knots or less. All inbound acft with hazardous

cargo info call twr 60 NM out. Customs office hrs Mon-Fri

1400-2130Z†, excluding holidays. Customs must be arranged

Mon-Fri 1400-2130Z† (except holidays) at 603-422-0910. Intl.

arrivals must arrange for ground handling prior to arrival. FBO

603-430-1111/128.825. No practice low apch or touch and go

ldg 0400-1200Z† for local based acft and 0200-1200Z† for

transient acft or before 1700Z† Sun for all acft. During snow removal ops PPR 15 minutes on 128.4 and no

practice low apch or touch and go ldg. On other than a published IAP—arriving acft should establish themselves

on final apch at least 2 NM from the rwy thld at a minimum of 700 ft MSL. Littlebrook Airpark located 052° 4.4

NM; tfc pattern 1130 ft MSL. Fly downwind leg no closer than ½ mile from rwy. Noise sensitive areas off both

end of rwy. Avoid close in base legs/short apchs. On dep maintain rwy heading to 1100 ft MSL or the end of the

rwy (whichever occurs last) prior to turning. Rwy 16-34 first 1000 ft both ends CONC-GRVD; remainder is

ASPH-GRVD. No 180° turns for acft over 12500 lbs gross weight on ASPH portion of Rwy 16-34. Rwy 16-34

double faced distance markers both sides of rwy at 1000 ft intervals. Rwy 16-34 edge lgts are 24 inches tall;

85 ft from centerline. Rectangular tfc pattern 1600(1500); overhead tfc pattern 2100(2000); light acft

1100(1000). Ldg fee for civil tran acft over 12,500 lbs.

COMMUNICATIONS: ATIS 132.05 (603) 430-3232 UNICOM 122.95

Ⓡ BOSTON APP/DEP CON 125.05 125.825

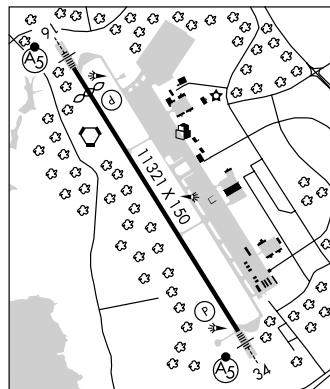
TOWER 128.4 GND CON 120.95

RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.

PEASE (L) VOR/DME 116.5 PSM Chan 112 N43°05.07' W70°49.92' at fld. 99/16W.

ILS 110.1 I-PGQ Rwy 16. Class IA. GS unusable for coupled apch blo 463' MSL.

ILS 110.1 I-PSM Rwy 34.



ROCHESTER**SKYHAVEN** (DAW) 3 SE UTC-5(-4DT) N43°17.04' W70°55.76'

NEW YORK

322 B FUEL 100LL TPA-1122(800) NOTAM FILE DAW

L-32H

RWY 15-33: H4001X100 (ASPH) S-30 MIRL 0.5% up SE

IAP

RWY 15: Trees.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree. Rgt tfc.

AIRPORT REMARKS: Attended 1300-2100Z†; Nov-Mar 1300-2100Z†.

Self-serve 100LL avbl 24 hrs with credit card system. Deer on and invof arpt after sunset. Rwy 33 designated calm wind rwy. Ultralight, antique, and non-radio tfc in good weather. Rotating bcn located 3000' northwest of arpt. ACTIVATE MIRL Rwy 15-33 and PAPI and REIL Rwy 33—CTAF.

WEATHER DATA SOURCES: ASOS 135.275 (603) 332-7814.**COMMUNICATIONS:** CTAF/UNICOM 122.7

BOSTON APP/DEP CON 125.05

RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.

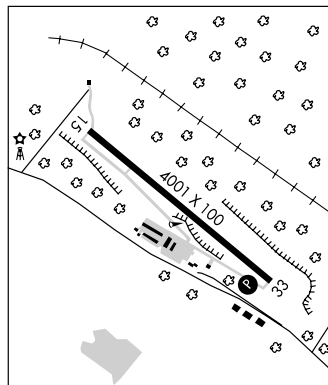
PEASE (L) VORTACW 116.5 PSM Chan 112 N43°05.07'

W70°49.92' 356° 12.7 NM to fld. 99/16W.

ROLLINS NDB (MHW) 260 ESG N43°13.22' W70°49.70' 327°

5.9 NM to fld. Unusable byd 10 NM. NOTAM FILE BGR.

SANFD NDB (LOM) 349 SF N43°20.07' W70°50.06' 251° 5.1 NM to fld.

COMM/NAV/WEATHER REMARKS: Comm provided by Bangor RADIO on freq 122.25. Cinc del thru Bangor FSS 1-866-295-3835.**ROLLINS** N43°13.22' W70°49.70' NOTAM FILE BGR.

NEW YORK

NDB (MHW) 260 ESG 327° 5.9 NM to Skyhaven. Unusable byd 10 NM.

L-32H, 33D

SKYHAVEN (See ROCHESTER)**TWIN MOUNTAIN** (8B2) 1 SW UTC-5(-4DT) N44°15.84' W71°32.80'

MONTREAL

1459 NOTAM FILE BGR

L-32H

RWY 09-27: H2660X60 (ASPH) S-8.5 RWY LGTS (NSTD)

RWY 09: Trees. RWY 27: Trees.

AIRPORT REMARKS: Attended irregularly. Moose, deer and bear on and invof arpt. Aft are requested to stay on paved surfaces only. Advance notice rqr for rwy lgts call 1-603-846-5505. Rwy 09-27 rwy lgts 15-20' from rwy edge.

For winter conditions call 603-846-5505.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.

MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13' W72°26.96' 090° 40.4 NM to fld. 2080/16W.

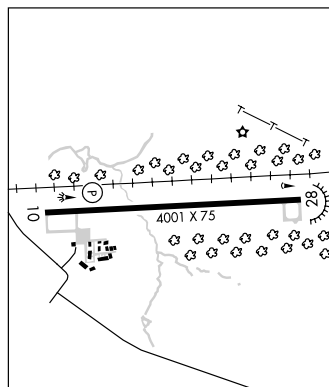
COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor FSS 1-866-295-3835.

WHITEFIELD**MOUNT WASHINGTON RGNL** (HIE) 3 E UTC-5(-4DT) N44°22.06' W71°32.67'**MONTREAL**1074 B S4 **FUEL** 100LL TPA-2000(926) NOTAM FILE HIE**L-32H****RWY 10-28:** H4001X75 (ASPH) S-30 MIRL 0.6% up E.**IAP****RWY 10:** REIL. PAPI(P4L)—GA 3.5° TCH 45'. Trees.**RWY 28:** REIL. Tree. Rgt tfc. Tree.**AIRPORT REMARKS:** Attended irregularly. For arpt manager after hrs ctc 603-788-3306. Self-serve fuel avbl 24 hrs with credit card.Wildlife on and invof arpt. **ACTIVATE** MIRL Rwy 10-28 and REIL Rwy 10 and Rwy 28—CTAF.**WEATHER DATA SOURCES:** ASOS 118.525 (603) 837-2769.**COMMUNICATIONS:** CTAF/UNICOM 122.8**WHITEFIELD RCO** 122.4 (BANGOR RADIO)**(R) BOSTON CENTER APP/DEP CON** 135.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (L) VORW/DME** 110.8 MPV Chan 45 N44°05.13' W72°26.96' 082° 42.6 NM fld. 2080/16W.**MAHN NDB (MHW)** 386 GMA N44°21.74' W71°41.16' 104° 6.1 NM to fld. NOTAM FILE HIE. Unmonitored.

NDB unusable:

byd 15 NM blo 9000'

ILS 109.5 I-HIE RWY 10. LOC only.

COMM/NAV/WEATHER REMARKS: Cinc del thru Bangor FSS 122.4 1-866-295-3835.**WHITEFIELD** N44°21.94' W71°33.15'**MONTREAL****RCO** 122.4 (BANGOR RADIO)**L-32H****WHITE RIVER** N43°33.61' W72°27.93' NOTAM FILE LEB.**NEW YORK****NDB (MHW)** 379 IVV 077° 8.1 NM to Lebanon Muni.**L-32G**

AEROFLEX-ANDOVER (See ANDOVER)

ALEXANDRIA (See PITTSTOWN)

ANDOVER
AEROFLEX-ANDOVER (12N) 2 N UTC-5(-4DT) N41°00.52' W74°44.28'

NEW YORK

583 B S4 FUEL 100LL TPA-1600(1017) NOTAM FILE 12N

L-33A, 34H

RWY 03-21: H1981X50 (ASPH) MIRL

IAP

RWY 03: Trees. Rgt tfc. RWY 21: Tree.

AIRPORT REMARKS: Attended Apr-Nov 1400-2300Z+, Dec-Mar 1300-2200Z+. Parallel turf rwy restricted use only. No touch and go lds. Deer and birds on and in/ov arpt. PPR required for ngt transients ctc arpt manager 973-786-5100. Avoid overflying Lake Lenape while on downwind. Arpt restricted to apch category A acft only. Rwy 03-21 lakes at both apch ends. Dirt svc road to terminal area in front of Rwy 03 thld. Noise abatement procedures in effect ctc arpt manager 973-786-5100. ACTIVATE MIRL Rwy 03-21-122.85.

COMMUNICATIONS: CTAF/UNICOM 122.8

STILLWATER RCO 122.1R 109.6T (MILLVILLE RADIO)

® NEW YORK APP/DEP CON 127.6

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75' W74°52.14' 094° 6.0 NM to fld. 920/11W.

TRINCA (13N) 3 SW UTC-5(-4DT) N40°58.01' W74°46.81'

NEW YORK

600 S2 NOTAM FILE MIV

RWY 06-24: 1924X135 (TURF)

RWY 06: Trees. RWY 24: Trees.

AIRPORT REMARKS: Unattended. Arpt CLOSED SS-SR.**COMMUNICATIONS:** CTAF/UNICOM 122.8

ATLANTIC CITY INTL (ACY) 9 NW UTC-5(-4DT) N39°27.46' W74°34.63'**WASHINGTON**

75 B S3 FUEL 100LL, JET A OX 3 Class I, ARFF Index C NOTAM FILE ACY

H-101, 121, L-346

RWY 13-31: H10000X150 (ASPH-GRVD) S-85, D-120, ST-152, DT-350 HIRL CL

IAP, AD

RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. Road.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 69'. Antenna.

RWY 04-22: H6144X150 (CONC-ASPH-GRVD) S-75, D-175, ST-175, DT-400, DDT-900 HIRL

RWY 04: PAPI(P4L)—GA 3.0° TCH 47'. Tree.

RWY 22: VASI(V4L)—GA 3.0° TCH 51'. Trees.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04	13-31	3550
RWY 13	04-22	3600
RWY 31	04-22	5750

ARRESTING GEAR/SYSTEMS

RWY 13 BAK-14 BAK-12B(B) (1600')

BAK-14 BAK-12B(B) (1600') RWY 31

AIRPORT REMARKS: Attended continuously. No training flights

0400-1200Z. A-Gear Rwy 31 located 1600 ft from thld, ctc tower for opns.

A-Gear Rwy 13 located 1600 ft from thld, ctc tower for opns.

Deer, fox and birds on and in/ovf arpt. Rwy 13-31 centerline obscured with rubber. Twy L clsd indef. Twy B has NSTD twy markings between Twy J and Twy K. Taxiway C clsd to dual and double tandem equipped acft. Foreign object damage hazard Twy H, military fighter acft should not use Twy H. Experimental heliport located on N side of arpt restricted to use of FAA project acft only. High performance military acft operating at arpt. All rwy lgts are preset med ints continuously exc 5 minute PPR. Noise abatement procedures in effect ctc arpt ops at 609-645-7895 extension 2002. Charter ops ctc Airport Operations for reservations; call 609-645-7895 extension 2002. FAA apron PPR call 609-485-6482. US Customs user fee arpt. Customs avbl Mon-Fri 1300-2200Z. Provide minimum 24 hr advance notice to arrange for Customs. All calls to Customs Mon-Fri 1300-2200Z; phone 609-484-1610. U.S. Customs fax 609-484-1614. Ldg fee. Parking fee.

COMMUNICATIONS: ATIS 108.6 (609-485-4444)

RCO 122.55 (MILLVILLE RADIO)

① APP/DEP CON 134.25 (310-129°) 124.6 (130-309°)

TOWER 120.3 GND CON 121.9 CLNC DEL 127.85

AIRSPACE: CLASS C svc continuous ctc APP CON**RADIO AIDS TO NAVIGATION:** NOTAM FILE ACY.

(L) VORTAC 108.6 ACY Chan 23 N39°27.35' W74°34.58' at fld. 70/10W.

VORTAC unusable 290°-300° byd 10 NM blo 4000'.

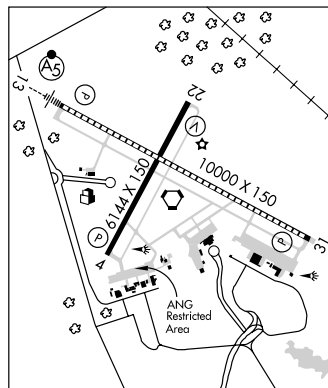
VOR unusable 301°-355° byd 35 NM blo 2000'

NAADA NDB (LOM) 336 PV N39°29.89' W74°40.35' 129° 5.1 NM to fld.

ILS/DME 109.1 I-PVO Chan 28 Rwy 13. Class IT. LOM NAADA NDB.

ILS/DME 109.1 I-ACY Chan 28 Rwy 31.

ASR



BELMAR/FARMINGDALE**MONMOUTH EXECUTIVE**

(BLM) 5 W UTC-5(-4DT) N40°11.22' W74°07.49'

159 B S4 FUEL 100LL, JET A TPA-1000(841) NOTAM FILE BLM

RWY 14-32: H7300X80 (ASPH) MIRL(NSTD)

RWY 14: REIL. Trees.

RWY 32: REIL. PVASI(PSIL). Trees.

RWY 03-21: H3707X50 (ASPH)

RWY 03: Trees.

RWY 21: Tree.

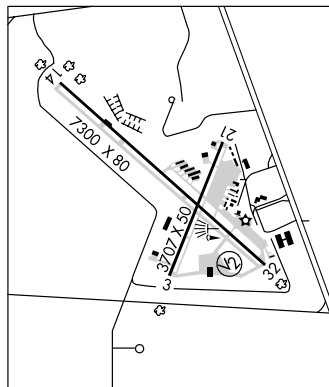
AIRPORT REMARKS: Attended 1100-0400Z†. 24 hr self service 100LL avbl. Parachute Jumping. Deer and birds on and invof arpt. Rwy 03-21 CLOSED to acft over 12,500 pounds. No helicopter activity northeast of Rwy 14. Banner tow ops area only Helicopter instruction by pre-arrangement only 732-938-4800. Heavy banner towing ops Memorial to Labor Day north of Rwy 14-32. For rwy conditions during snowy weather call 732-751-0044. Rwy 14-32 first 575' at AER 32 80' wide, remainder Rwy 14-32 100' wide. Rwy 14-32 NSTD twy separation 185'. Berm 36 ft high, N Rwy 14-32 65 ft from centerline. Loose gravel and broken asph in ramp area E side of arpt. No touch and go Idgs Fri, Sat, Sun. Twys NSTD markings, rwy hold markings on twys NSTD placement. Twy lines do not ensure wingtip/rotor clearance at NW end of parallel twy. Rwy 32 NSTD precision instrument runway, NSTD numbers placement before thld bar. Rwy numbers incorrect placement before thld bar. Rwy 14-32 NSTD MIRL, REIL Rwy 14 and Rwy 32 not co-located at rwy thld. No Rwy 32 thld lgts, Rwy 14 thld lights NSTD placement 245' before thld bar. NSTD MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32 opr dusk-0400Z†. To prearrange for rwy lights after 0400Z† call 732-751-0044. Rotating bcn opr dusk-0400Z†. To prearrange for bcn after 0400Z† call 732-751-0044. Ldg fee.

WEATHER DATA SOURCES: AWOS-3 121.625 (732) 938-3330.**COMMUNICATIONS:** CTAF/UNICOM 123.0

® McGUIRE APP/DEP CON 124.15 CLNC DEL 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14' W74°29.70' 103° 17 NM to fld. 248/10W.



NEW YORK

H-101, 121, L-34H

IAP

BERLIN**CAMDEN CO**

(19N) 1 SW UTC-5(-4DT) N39°46.71' W74°56.87'

149 B S4 FUEL 100LL, JET A TPA-1149(1001) NOTAM FILE MIV

RWY 05-23: H3094X45 (ASPH) MIRL 0.3% up SW

RWY 05: REIL. Thld dsplcd 740'. Tree.

RWY 23: REIL. PVASI (PSIR). Thld dsplcd 239'. Tree.

AIRPORT REMARKS: Attended 1300†-2200Z†. Trees along northwest side of Rwy 05-23. REIL Rwy 23 OTS indef. ACTIVATE MIRL Rwy 05-23, REIL Rwy 05 and Rwy 23 and PVASI Rwy 23, rotating bcn-CTAF.

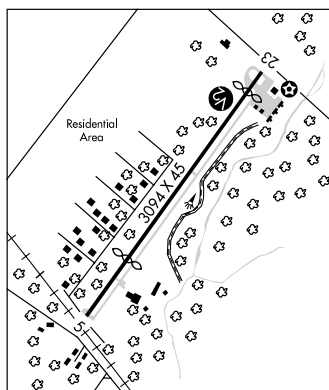
COMMUNICATIONS: CTAF/UNICOM 123.0

® McGUIRE APP/DEP CON 124.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26'

W74°58.03' 014° 14.5 NM to fld. 120/10W.



WASHINGTON

L-34G, A

IAP

BLAIRSTOWN (1N7) 2 SW UTC-5(-4DT) N40°58.27' W74°59.85'
 372 B S4 FUEL 100LL OX2 TPA-1402(1030) NOTAM FILE MIV
 RWY 07-25: H3100X70 (ASPH) MIRL
 RWY 07: Thld dspcd 296'. Trees.
 RWY 25: Thld dspcd 246'. Trees.

AIRPORT REMARKS: Attended 1200-2300Z. 24 hr self svc fuel. Hill northeast of arpt may require pilots execute steep apch to Rwy 25. ACTIVATE MIRL Rwy 07-25-CTAF. Gliders opr from turf area just south of Rwy 07-25.

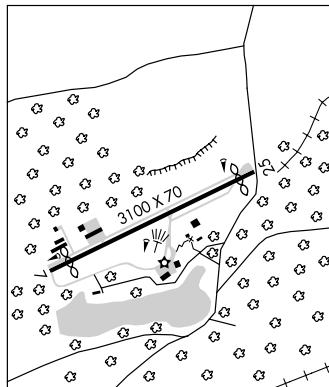
COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ NEW YORK APP/DEP CON 127.6 (From East)

Ⓡ ALLENTOWN APP/DEP CON 119.65 (From West)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75'
 W74°52.14' 267° 6.0 NM to fld. 920/11W.



NEW YORK
 L-33A, 34H
 IAP

BRIDGETON

BUCKS (00N) 3 NE UTC-5(-4DT) N39°28.39' W75°11.11'
 105 TPA-1005(900) NOTAM FILE MIV
 RWY 18-36: 1900X150 (TURF) LIRL
 RWY 18: Tree. RWY 36: Tree.

AIRPORT REMARKS: Attended dawn-dusk. For LIRL Rwy 18-36 call 856-455-3990. Arpt CLOSED to all transient acft Jan 1 to Apr 1 because of soft rwy conditions, for PPR call 856-455-3990.

COMMUNICATIONS: CTAF 122.9

WASHINGTON

LI CALZI (N50) 2 S UTC-5(-4DT) N39°24.51' W75°14.23'
 42 TPA-800(758) NOTAM FILE MIV
 RWY 12-30: 2773X100 (TURF)
 RWY 12: Trees. RWY 30: Tree.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED to all traffic until further notice. Rwy unusable. Turf sfc plowed and furrowed. Ldg fee.

COMMUNICATIONS: CTAF 122.9

WASHINGTON

BROADWAY N40°47.91' W74°49.31' NOTAM FILE MIV.
 (L) VOR/DME 114.2 BWZ Chan 89 158°12.4 NM to Somerset. 1048/11W.
 VOR portion unusable:
 125°-240° below 3000'; 180°-210° beyond 15 NM all altitudes
 125°-180° beyond 15 NM below 5000' 210°-235° beyond 15 NM below 5000'
 RCO 122.35 (MILLVILLE RADIO)

NEW YORK
 H-101, L-33A, 34H

BUCKS (See BRIDGETON)

CALDWELL**ESSEX CO** (CDW) 2 N UTC-5(-4DT) N40°52.51' W74°16.88'

173 B S4 FUEL 100LL, JET A OX 4 TPA—See remarks NOTAM FILE CDW

RWY 04-22: H4553X80 (ASPH) S-30 HIRL**RWY 04:** Thld dsplcd 371'. Tree.**RWY 22:** REIL. PAPI(P4R)—GA 3.0° TCH 42'. Thld dsplcd 135'. Trees. Rgt tfc.**RWY 10-28:** H3721X75 (ASPH) S-12.5 MIRL**RWY 10:** Thld dsplcd 166'. Trees.**RWY 28:** Thld dsplcd 825'. Trees. Rgt tfc.

AIRPORT REMARKS Attended 1200-0400Z†. Turbo jet acft ldg and tkf restricted to Rwy 04-22, ldg Rwy 10-28 restricted to 12,500 pounds and below. Touch and go landings limited to based aircraft only. Deer and birds on and in/ovf arpt. Local ops suspended Mon-Sat 0400-1200Z† and 0400Z† Sat-1500Z† Sun. TPA for large and turbojet acft 1700(1527); light acft 1200(1027). Fixed-wing VFR acft departure: Rwy 04—from departure end rwy heading for 1 mile then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° left turn after reaching pattern altitude. Fixed-wing VFR acft departure: Rwy 10—from departure end turn left heading 080° until 900 ft MSL then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° left turn after reaching pattern altitude. Fixed-wing VFR acft departure: Rwy 22—from departure end turn right heading 230° until 900 ft MSL then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° right turn after reaching pattern altitude. Fixed-wing VFR acft departure: Rwy 28—from departure end rwy heading for 1 mile then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° right turn after reaching pattern altitude. Pilots be alert—the Teterboro VOR/DME or GPS-A; the Passaic River visual Rwy 06 and Cedar Grove visual Rwy 01 apchs transit Essex Co arpt CLASS D airspace. Traffic passes north of the arpt descending from 3000 ft MSL to 2000 ft MSL. Pilots be alert—the Morristown ILS and NDB or GPS Rwy 23 apchs transit Essex Co CLASS D airspace. Traffic passes two miles west of the arpt descending through 2000 ft MSL. Rwy 22 PAPI unusable byd 5° right of centerline due to obstruction. When twr clsd MIRL Rwy 10-28 and HIRL Rwy 04-22 preset med ints. REIL Rwy 22 avbl high ints only. ACTIVATE HIRL Rwy 04-22 and REIL Rwy 22—CTAF. Landing fee for all transient acft. NOTE: See Special Notices—Instrument Approach—Airspace Interaction Chart.

WEATHER DATA SOURCES: ASOS (973) 575-4417.**COMMUNICATIONS:** CTAF 119.8 ATIS 135.5 UNICOM 122.95

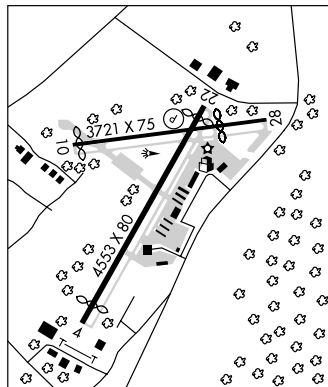
® NEW YORK APP CON 127.6

® NEW YORK DEP CON 119.2

CALDWELL TOWER 119.8 (1200-0400Z†) GND CON 121.9 CLNC DEL 121.1

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE TEB.**TETERBORO (T) VOR/DME** 108.4 TEB Chan 21 N40°50.93' W74°03.74' 289°10.1 NM to fld. 10/11W.**MOREE NDB (LOM)** 392 MM N40°52.79' W74°20.06' 108° 2.4 NM to fld.**PATERSON NDB (MHW)** 347 PNJ N40°56.79' W74°09.05' 249°7.1 NM to fld. NOTAM FILE MIV. Unusable 260°-040° beyond 15NM.

ILS 109.35 I-CDW Rwy 22. LOC only.

COMMN/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower.

NEW YORK

COPTER

L-33A, 34H

IAP, AD

CAMDEN CO (See BERLIN)**CAPE MAY CO** (See WILDWOOD)**CEDAR LAKE** N39°32.26' W74°58.03' NOTAM FILE MIV.

(L) VORTAC 115.2 VCN Chan 99 216° 11.3 NM to Millville Muni. 120/10W.

RCO 122.1R 115.2T (MILLVILLE RADIO)

WASHINGTON

H-101, L-34G, A

CENTRAL JERSEY RGNL (See MANVILLE)**CHATHAM** N40°44.46' W74°25.79' NOTAM FILE MIV.

NDB (MHW) 254 CAT 022°3.6 NM to Morristown Muni.

NEW YORK

L-33A, 34H

COLTS NECK N40°18.70' W74°09.59' NOTAM FILE MIV.

NEW YORK

(L) VOR/DME 115.4 COL Chan 101 178° 7.3 NM to Allaire. 120/11W.

H-101, L-34H

VOR portion unusable:

351°-030° byd 30 NM blo 3000'

031°-179° byd 15 NM blo 6000'

241°-329° byd 15 NM blo 3000' and byd 30 NM blo 6000'

RCO 122.3 (MILLVILLE RADIO)

COYLE N39°49.04' W74°25.90' NOTAM FILE MIV.

WASHINGTON

(H) VORTAC 113.4 CYN Chan 81 054°9.2 NM to Robert J Miller. 210/10W.

H-101, L-34G

RCO 122.1R 113.4T (MILLVILLE RADIO)

CROSS KEYS (17N) 1 S UTC-5(-4DT) N39°42.33' W75°01.98'

WASHINGTON

162 S4 FUEL 100LL TPA-1000(838) NOTAM FILE MIV

L-34G, A

RWY 09-27: H3500X50 (ASPH) S-13 LIRL(NSTD) 0.7% up E

IAP

RWY 09: Trees. Rgt tfc. RWY 27: Thld dspcd 200'. Tree.

AIRPORT REMARKS: Attended 1300-2200Z. Parachute Jumping. Due to parachute drop zone on north side of arpt all tfc is to remain south of Rwy 09-27. Deer and birds on and invof arpt. Rwy 27 road, fence and trees near app end. Rwy 09-27 asphalt cracked/loose. Rwy 27 dspcd thld marked with lgts. ACTIVATE LIRL Rwy 09-27-CTAF. Rwy 09-27 NSTD LIRL. All lgt spacing NSTD. Rwy 09 no yellow caution zone lgts. Rwy 09-27 centerline solid white, numbers small, Rwy 09 number 9 800' from thld, no thld markings, Rwy 27 no dspcd markings or thld bar. Some rwy hold markings on twys NSTD dimensions, configuration and/or placement. Arpt windsock located on hangar south of rwy.

COMMUNICATIONS: CTAF/UNICOM 122.8

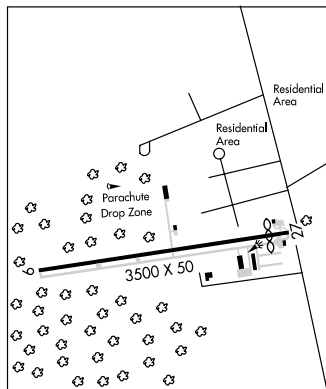
® PHILADELPHIA APP/DEP CON 127.35 CLNC DEL TF 800-354-9884

GCO 121.725 (NEW YORK FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WOODSTOWN (L) VORTAC 112.8 OOD Chan 75 N39°38.16'

W75°18.18' 082° 13.2 NM to fld. 140/10W.

**EAGLES NEST** (See WEST CREEK)**ESSEX CO** (See CALDWELL)**FLYING W** (See LUMBERTON)**GREENWOOD LAKE** (See WEST MILFORD)**HACKETTSTOWN** (N05) 3 SW UTC-5(-4DT) N40°49.21' W74°51.31'

NEW YORK

670 S2 FUEL 80, 100LL NOTAM FILE MIV

RWY 05-23: H2200X50 (ASPH) S-5

RWY 05: House.

RWY 23: Tree.

AIRPORT REMARKS: Attended dawn-dusk.

COMMUNICATIONS: CTAF 122.9

HAMMONTON MUNI (N81) 3 NE UTC-5(-4DT) N39°40.05' W74°45.46'

WASHINGTON

65 B S4 FUEL 100LL, JET A NOTAM FILE MIV

L-346, A

RWY 03-21: H3601X75 (ASPH) S-12 MIRL

IAP

RWY 03: PAPI(P2L)—GA 3.5° TCH 25'. Trees.

RWY 21: PAPI(P2L)—GA 3.25° TCH 20'. Trees.

AIRPORT REMARKS: Attended 1300Z†-dusk. On-airport ctc:

609-704-1119. Rwy 03 deep ditch parallel to first 500' of rwy on right side within 100' of centerline. Be alert. Deer in vicinity of

airport. Airport has glider operations. Rwy 03 tall trees on approach.

Automated unicom ACTIVATE—CTAF. ACTIVATE MIRL Rwy

03-21-123.5. PAPI Rwy 03 and Rwy 21 opr continuous.

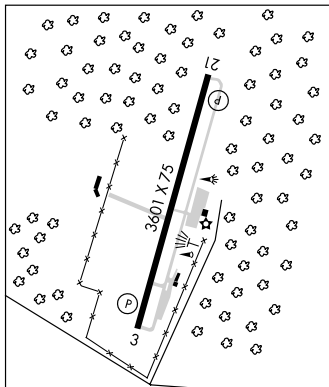
COMMUNICATIONS: CTAF/AUNICOM 122.7

Ⓡ ATLANTIC CITY APP/DEP CON 134.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26'

W74°58.03' 061° 12.4 NM to fld. 120/10W.



HOLLY CITY HELPORT (See MILLVILLE)

JOBSTOWN

REDWING (2N6) 1 S UTC-5(-4DT) N40°01.59' W74°41.56'

NEW YORK

75 S2 TPA-800(725) NOTAM FILE MIV

RWY 06-24: 1830X50 (TURF)

RWY 06: Tree.

RWY 24: Road.

RWY 11-29: 1590X70 (TURF) RWY LGTS (NSTD)

RWY 11: Trees. Rgt tfc.

RWY 29: Tree.

AIRPORT REMARKS: Attended irregularly. Night landings prohibited due to permanent reduction in length of Rwy 11-29.

NSTD lighting Rwy 11-29 OTS indef. Rwy 11-29 NSTD edge lgts, brightness adjustable low-high.

COMMUNICATIONS: CTAF 122.9

KROELINGER (See VINELAND)

LAKEHURST NAES (MAXFIELD FLD) (NEL)(KNEL) N (A) 3 W UTC-5(-4DT)

NEW YORK

N40°02.11' W74°21.13'

H-101, 121, L-346

101 B NOTAM FILE MIV

Not insp.

RWY 06-24: H5002X150 (ASPH) PCN 57 F/B/W/T HIRL 0.3% up NE

RWY 24: MALSR. PAPI(P4L). Rgt tfc.

RWY 15-33: H5001X150 (ASPH) PCN 57 F/B/W/T HIRL

RWY 15: Rgt tfc.

RWY 33: PAPI(P4L).

ARRESTING GEAR/SYSTEM

RWY 06 HOOK E28(B) (900')

MILITARY SERVICE: L&T Rotating bcn 110° 2 NM from arpt. JASU 2(GTC-85) 1(NCPP-105) 1(NC-8)**FUEL** J8. Avbl 1100-2300Z+. Hot pit PPR DSN 624-2438/4995, C732-323-2438/4995. **FLUID** SP LOX 12 hr prior notice rqr. **OIL** O-156 **TRAN ALERT** Svc avbl Mon-Fri 1100-2300Z+. Advise parking Navy or Army line.**MILITARY REMARKS:** Opr Mon-Fri 1200-0000Z+. CLOSED alternate Fri, CLOSED Sat, Sun and Federal holidays (no acft opr will be approved outside these hr without 48 hr PPR.) Base OPS and wx opr 1200-2000Z+ (no forecast avbl). **RSTD** PPR for all tran acft DSN 624-2438/4995, C732-323-2438/4995. Instrument apch not avbl during Tethered Aerostat OPS 3400' and blo (VMC only). Twy E between Twy D and Westfield ramp is dalgt use only.**CAUTION** Deer and bird hazard. A Opr 1230-2100Z+. Helicopter ldg Ft. Monmouth, PPR DSN 624-2115. See Greely and Charles Wood AHP listings in VFR Supplement. Fixed Wing with Code 7 and abv go to Navy Ramp. All tran Army acft svc with Navy tran line. Transportation to Ft. Monmouth rqr 24 hr prior notice, DSN 992-1444.**COMMUNICATIONS: SFA****ROBBINSVILLE RCO** 122.1R 113.8T (MILLVILLE RADIO)Ⓡ **MC GUIRE APP/DEP CON** 124.15 363.8**TOWER** 127.775 360.2 340.2 (Mon-Fri 1200-0000Z+, exc alternate Fri, every Sat, Sun and holidays.)**GNC CON** 118.375 307.05**AIRSPACE:** CLASS D svc Mon-Fri 1200-0000Z+, exc alternate Fri, every Sat, Sun and holidays, other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**ROBBINSVILLE (H) VORTAC** 113.8 RBV Chan 85 N40°12.14' W74°29.70' 157° 12.0 NM to fld. 248/10W.**COLTS NECK (L) VORW/DME** 115.4 COL Chan 101 N40°18.70' W74°09.59' 219° 18.9 NM to fld.

120/11W.

(T) **TACAN** Chan 55 NEL (111.8) N40°02.22' W74°21.19' at fld. 137/11W. NOTAM FILE NEL.

Unmonitored Mon-Fri 2400-1200Z+, Sat, Sun and Federal holidays 24 hours.

NDB (MHW) 396 NEL N40°02.69' W74°20.13' 13' at fld. NOTAM FILE NEL. Mon-Fri 1200-0000Z+ exc alternate Fri.**LAKEWOOD** (N12) 3 SE UTC-5(-4DT) N40°04.01' W74°10.66'

NEW YORK

43 B S4 **FUEL** 100LL TPA-843(800) NOTAM FILE MIV

L-34H

RWY 06-24: H2912X60 (ASPH) S-25 MIRL 0.3% up SW

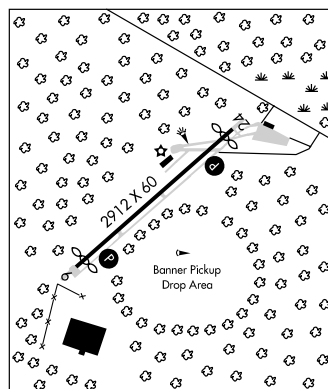
IAP

RWY 06: PAPI(P2R)-GA 3.5° TCH 20. Thld dsplcd 264'. Fence.

RWY 24: PAPI(P2L)-GA 3.25° TCH 22. Thld dsplcd 247'. Road. Rgt tfc.

AIRPORT REMARKS: Attended May-Oct 1300-0100Z+. Nov-Apr 1300-2300Z+. Svcs avbl after hrs call 908-433-9593. Heavy banner towing ops summer. **ACTIVATE** MIRL Rwy 06-24 and PAPI Rwy 06 and Rwy 24-CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **McGUIRE APP/DEP CON** 124.15**GCO** 121.725 (ISLP FSS)**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**COYLE (H) VORTAC** 113.4 CYN Chan 81 N39°49.04'

W74°25.90' 048°19.0 NM to fld. 210/10W.



LI CALZI (See BRIDGETON)

LINCOLN PARK (NØ7) 2 N UTC-5(-4DT) N40°56.85' W74°18.87'
182 B S4 FUEL 100LL OX 4 TPA-1202(1020) NOTAM FILE MIV

RWY 01-19: H2942X40 (ASPH) MIRL

RWY 01: Thld dsplcd 840'. Trees.

RWY 19: Thld dsplcd 260'. Antenna.

AIRPORT REMARKS: Attended 1300Z†-dusk. Deer and birds invof rwy.

Touch and go ldgs prohibited. Narrow taxilanes and twys caused by NSTD clncs. Displcd thld lgts lctd 108' short of displcd thld markings. ACTIVATE MIRL Rwy 01-19-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

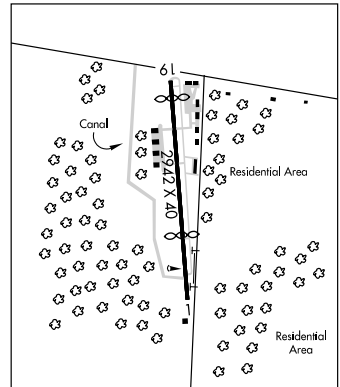
® NEW YORK APP/DEP CON 127.6

GCD 121.725 (MIV FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) VORTAC 115.7 SAX Chan 104 N41°04.05'
W74°32.30' 136° 12.5 NM to fld. 1410/11W.

MOREE NDB (LOM) 392 MM N40°52.79' W74°20.06' 024° 4.0
NM to fld.



NEW YORK
COPTER
L-33A, 34H
IAP

LINDEN (LDJ) 1 SE UTC-5(-4DT) N40°37.05' W74°14.68'

23 B S2 FUEL 100LL, JET A TPA-See Remarks NOTAM FILE MIV

RWY 09-27: H4137X100 (ASPH) S-31.5, D-42 MIRL

RWY 09: REIL. VASI(V4R)-GA 3.8° TCH 60'. Thld dsplcd 460'. Pole.

RWY 27: REIL. VASI(V4L)-GA 3.25° TCH 47'. Thld dsplcd 543'. Antenna.

AIRPORT REMARKS: Attended Oct-Apr 1330-2300Z†, May-Sep 1200-0130Z†. Birds on and invof arpt. Touch and go ldgs for base assigned acft; all others ctc arpt manager 908-862-8800 for PPR. TPA 800' MSL; Rwy 9 enter TFC pattern upwind, entries other rwys standard. Departing Rwy 27 depart straight out to 800 ft. Noise abatement procedures in effect. Rwy 09 VASI is baffled to cut off the lgt beam at 6° each side of rwy centerline extended, total usable width is 12°. Rwy 09-27 shoulder markings NSTD. ACTIVATE MIRL Rwy 09-27, VASI Rwy 09 and 27-CTAF. Ldg fee.

WEATHER DATA SOURCES: AWOS-3 124.025 (908) 862-7383.

COMMUNICATIONS: CTAF/UNICOM 123.0

® NEW YORK APP CON 135.35

® NEW YORK DEP CON 119.2 126.7

NEWARK TOWER CLNC DEL 128.35

RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

CANARSIE (T) VORW/DME 112.3 CRI Chan 70 N40°36.75' W73°53.67' 282° 16 NM to fld. 10/11W.

NEW YORK
COPTER
L-33A, 34H
IAP

LITTLE FERRY SPB (2N7) 1 E UTC-5(-4DT) N40°51.01' W74°01.98'

00 TPA-500(500) NOTAM FILE MIV

WATERWAY 01-19: 5500X150 (WATER)

WATERWAY 01: Towers.

WATERWAY 19: Bridge. Rgt tfc.

SEAPLANE REMARKS: Attended Tue-Sun 1400Z†-dusk. Dalgt use only.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK
COPTER

LUMBERTON**FLYING W**

(N14) 01 SW UTC-5(-4DT) N39°56.06' W74°48.43'

49 B S4 FUEL 100LL, JET A NOTAM FILE MIV

RWY 01-19: H3496X75 (ASPH) MIRL 0.4% up N

RWY 01: REIL. PAPI(P2L)—GA 3.50°. TCH 26'. Rgt tfc.

RWY 19: REIL. PAPI(P2L)—GA 3.20°. TCH 22'.

AIRPORT REMARKS: Attended Apr-Oct 1200-0200Z†, Nov-Mar 1200-0000Z†. East-west ravine crosses extended centerline Rwy 01 100' from thld. Deep retention pond 23' west of parallel twy centerline north of ops building. ACTIVATE MIRL Rwy 01-19 PAPI and REIL Rwy 01 and 19, and twy lgts—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ McGUIRE APP/DEP CON 124.15

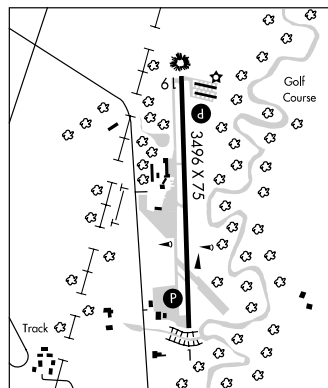
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14' W74°29.70' 232° 21.6 NM to fld. 248/10W.

WASHINGTON

L-346, A

IAP

**MANVILLE****CENTRAL JERSEY RGNL**

(47N) 1 S UTC-5(-4DT) N40°31.46' W74°35.90'

86 B S4 FUEL 100 TPA-1086(1000) NOTAM FILE MIV

RWY 07-25: H3509X50 (ASPH) S-30 MIRL (NSTD) 0.6% up SW.

RWY 07: Thld dspcd 580'. RR.

RWY 25: Thld dspcd 265'. Trees.

AIRPORT REMARKS: Attended 1300Z†—dusk except Christmas and New Years. Heavy ultralgt activity May-Oct south of Rwy 07-25.

Banner tow ops southwest of Rwy 07. Paved overrun apch end Rwy 25, 216' long. Unusable, steep slope. First 272' Rwy 25 unlgtd. Rwy 25 thld lgts located 265' prior to end of rwy, only one lgt on each side. Last half of rwy lgts do not have split clear/amber lenses. Rwy 07 thld located 37' prior to dspcd thld, 585' from pavement end.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ NEW YORK APP/DEP CON 132.8

GCO 121.725 (MILLVILLE FSS)

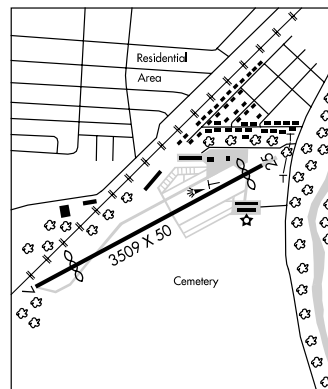
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 051° 21.6 NM to fld. 300/10W.

NEW YORK

L-33A, 34H

IAP

**MAXFIELD FLD** (See LAKEHURST)

MC GUIRE AFB (WRI)(KWRI) AF (A ANG) 2 SE UTC-5(-4DT) N40°00.94' W74°35.50' **NEW YORK**
 131 B TPA—See Remarks AOE NOTAM FILE WRI Not insp. **H-101, 121, L-346**
RWY 06-24: H10001X150 (ASPH) PCN 54 R/B/W/T HIRL CL **DIAP, AD**
RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 2.7°. **RWY 24:** SALS. PAPI(P4L)—GA 2.7°. Rgt tfc.
RWY 18-36: H7140X150 (ASPH) PCN 55 R/B/W/T HIRL
RWY 18: REIL. PAPI. Rgt tfc. **RWY 36:** REIL. PAPI.
MILITARY SERVICE: LGT Rwy 6 and Rwy 24: ILS/PAR and PAPI glidepaths not coincidental. **JASU** (C-26) (MD-3)
 6(MA-1A) 1(MA-1) **FUEL** J8 **FLUID** SP PRESAIR LHOX LOX (C-5, KC-10, 747 de-icing limited to wing only. 3
 hr prior notice rqr.) **OIL** O-128-133-148-156 **TRAN ALERT** Svc avbl 24 hours daily.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Info. **RSTD** PPR except AMC, AMC gained and AMC contract
 missions. PPR for all acft carrying/loading Distinguished Visitors or hazardous cargo and air evacuation
 regardless of affiliation. Request approval thru Afd Management OPS DSN 650-2714, C609-754-2714 fax
 extension 6465, minimum 24 hr prior notice for weekday, 48 hr prior notice weekend and holiday. All inbound
 PAX/cargo acft ctc Comd Post no later than 30 min prior to ldg. AMC acft opr restricted during Bird Watch
 condition Moderate (tkf or ldg permission only when dep/arr route avoid identification bird activity, no local
 IFR/VFR tfc pattern act) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Afd Management OPS
 for current Bird Watch condition. During Phase II Bird Aircraft Strike Hazard Window (+/- 1 hr of SR/SS), no tkf
 or landing permission. 305 OG/CC waiver authority. Bird hazard (waterfowl) heavy during Phase II Bird Aircraft
 Strike Hazard Window. Phase II normally begins 1 Aug and ends 30 Nov. 180° turns rstd to concrete portions of
 the rws only. Romeo Row spots 5-9 clsd to power acft opr due to pavement erosion, increased foreign object
 damage potential and decreased load bearing capacity. Romeo Row spots 3 and 4 clsd to acft parking. Spot 4
 must remain open for acft to taxi thru to conduct engine run crew change (ERCC) ops. Spot 3 clsd for safety
 during ERCC ops. ANG ramp restriction due to Navy hangar construction. No acft ops authorized on Zulu Row
 spots 7, 8, and 9. Only tow ops authorized in/out of spots. **CAUTION** Military acft perform aggressive VFR tactical
 maneuvers in/vof LAKE HURST NAES at alt up to 5,500' MSL. Use extreme vigilance. Due to isolated bird
 movement patterns it is possible for Rwy 06-24 and Rwy 18-36 to have different Bird Watch conditions. Consult
 ATIS for current Bird Watch condition. Rwy 18-36 has no overruns and shoulders. Rwy 18-36 has no twy exit
 signs for Twy J and Twy K. Acft using Twy D must follow nose wheel lines. Deviating from nose wheel lines may
 result in acft taxiing over pavement with unsuitable weight bearing capacity. Ops on Twy D requiring deviation
 from nose wheel lines not authorized. Twy B and Twy C clsd indef. Extensive non-control VFR acft within 20 NM
 of arpt. Hydroplaning possible last 3000' all rws due to rubber buildup. Non-standard markings on X-Ray row
 for C-17 wingtip training and combat offload ops, Victor row for alert msn, Alpha and Romeo Row for combat
 offload ops. Twy K, Twy L and Twy T are unlighted but have reflective tpy devices. Anticipate varying winds, wind
 shear or turbulent conditions first 3000' Rwy 24 when strong northwest wind is present due to hangar
 obstructions. Rwy 18-36 ldg zone markings midfield. Night vision devices opr every Tues 0300-0400Z and Sat
 0230-0330Z. No arr/dep except alert launches and emerg acft recoveries. All acft req arr/dep during night
 vision devices period ctc Comd Post in advance and receive 305 OG/CC approval. When Rwy 18-36 in use for
 NVD ops and raised covert lighting in place on the rwy, non-participating acft and vehicles will not be able to
 operate on the rwy. 108 ARW acft may cross the rwy at Twy H or Twy L. NOTAM transmit if night vision devices
 opr cancel. Increased foreign object debris hazard potential. Sweeper ops in effect on Rwy 06-24 from
 1400-1630Z and on Rwy 18-36, from 1900-2100Z, first and third Friday of every month. Practice apchs ldt
 to restricted low apch only during these periods. **TFC PAT** TPA—Overhead maintain 2500(2369) until 5 DME from
 arpt, then descend to 2100(1969) on initial. Rectangular altitude 1600(1469). Light acft/helicopter altitude
 800(669). **MISC** ATC will enhance surface observation when twr visibility is less than 4 SM and different than
 reported visibility. All Rwy 24 full stop ldg ctc twr prior to exiting rwy due to twy restricted. First 1000' Rwy
 06-24 concrete, mid 8000' asphalt. First 442' Rwy 36 concrete, remaining 6695' asphalt. Rwy 06-24 edge
 lines painted at 150', actual width is 200'. Rwy 18-36 precision apch marking not applicable. Rwy 18-36 not a
 precision apch rwy. COMSEC material above the classification of SECRET or large quantity must be stored at the
 87 AWB Command Post, DSN 650-3935/3936, C609-754-3935/3936. A Opr weekday 1230-2130Z.
 Weekend hr by prior approval. Facility located on SW side of airfield. 72 hr PPR for Army ramp and ldg all
 location on Ft Dix Reservation DSN 562-6377/5287, C609-562-6377/5287. Tran acft ctc Army OPS prior to
 ldg.
COMMUNICATIONS: SFA **D-ATIS** 110.6 270.1 DSN 650-2847.
PTD 134.1 372.2
APP/DEP CON 124.15 363.8
TOWER 118.65 255.6 257.8 **GND CON** 121.8 275.8 **CLNC DEL** 135.2 335.8
COMD POST 319.4 349.4 (Use 319.4 within 75 NM of arpt. If 319.4 is inoperative use 349.4 (call Brickyard) **108**
ANG COMD POST 251.2 321.0 (call Torch Control) DSN 650-2127. **PMSV METRO** 239.8 AN/FMQ-19 in use,
 augmented during ops hrs DSN 650-1402, C609-754-1402. Visibility of afd rstd from primary ops location,
 especially NW-N-E-SE. Wx svc avbl 24 hr Mon-Fri, clsd weekend and Federal holiday, except during local
 flying ops. Wx flt DSN 650-3992/3568, C609-754-3992/3568. When Scott AFB wx svc clsd, tran crews ctc
 15 OWS 24hrs DSN 576-9755/9702, C618-256-9755/9702. RON tran crew req wx brief prior to ldg.
ARMY OPS 139.3 265.6 41.35 (Ctc 15 min prior to ldg.) **FT DIX RNG** 34.0 41.0

CONTINUED ON NEXT PAGE

MORRISTOWN MUNI (MMU) 3 E UTC-5(-4DT) N40°47.96' W74°24.89'
 187 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks AOE
 NOTAM FILE MMU

NEW YORK

COPTER

H-101, 121, L-33A, 34H

IAP, AD

RWY 05-23: H5999X150 (ASPH-GRVD) S-30, D-80, ST-101 HIRL

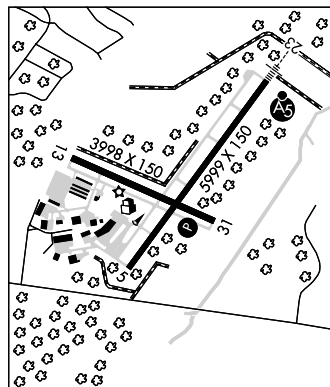
RWY 05: REIL. Trees. **RWY 23:** MALS. Tree.

RWY 13-31: H3998X150 (ASPH-GRVD) S-30 MIRL

RWY 13: Trees.

RWY 31: REIL. PAPI(P2L)—GA 3.0° TCH 47'. Trees.

AIRPORT REMARKS: Attended 1145-0330Z†. Birds and deer on and in/ov arpt. Inbound tfc request FBO svcs, instructions, and ramp advisories 30 minutes prior to arrival. After ldg ctc FBO again 129.6 for preferred ramp entrance to Twy D or Twy E. No turbojet ldg on Rwy 13 and Rwy 31 unless the cross wind velocity for Rwy 05-23 exceeds 16 knots. Helicopter ops over residential areas blo 1000' MSL should be avoided. TPA-1200(1013) lgt acft, 1700(1513) heavy acft. ACTIVATE HIRL Rwy 05-23, MIRL Rwy 13-31, REIL Rwy 05 and 31, MALS Rwy 23, and PAPI Rwy 31-118.1. Acft carrying explosive cargo PPR before ldg-call 973-538-6400. Noise abatement procedures in effect, ctc noise abatement office 973-538-3366 Ext 122. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Route 80 visual apch preferred for Rwy 23. During snow removal ops 15 minute prior notice required on 118.1 and no practice low apchs or touch and go ldg. US customs avbl Mon-Fri 1300-2100Z†; between 2101-1259Z† and weekends call 973-267-0302 for appointment. Morristown customs association fees apply; ctc arpt manager 973-538-6400 for details. U.S. customs user fee arpt. ARFF svc avbl 24 hrs daily. For ARFF svcs when twr clsd ctc ARFF station; CTAf or 973-455-1953. Ldg fee. Stage I departure fee 0400-1145Z†. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Instrument Approach—Airspace Interaction Chart.



WEATHER DATA SOURCES: AWOS-3 (973) 290-0135. LAWS.

COMMUNICATIONS: CTAf 118.1 ATIS 124.25

Ⓡ NEW YORK APP CON 127.6 Ⓡ NEW YORK DEP CON 119.2

TOWER 118.1 (1145-0330Z†) **GND CON** 121.7 **CLNC DEL** 121.2 (Call 516-542-3690 when twr clsd.)

AIRSPACE: CLASS D svc 1145-0330Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) VOR/DME 108.4 TEB Chan 21 N40°50.92' W74°03.74' 271° 16.3 NM to fld. 10/11W.

CHATHAM NDB (MHW) 254 CAT N40°44.46' W74°25.79' 022° 3.6 NM to fld. NOTAM FILE MIV.

MOREE NDB (LOM) 392 MM N40°52.79' W74°20.06' 228° 6.1 NM to fld.

ILS 110.3 I-MMU Rwy 23. Class IB. LOM MOREE NDB Unmonitored when tower closed. GS unusable for coupled apchs blo 627' MSL.

MOUNT HOLLY

SOUTH JERSEY RGNL (VAY) 4 SW UTC-5(-4DT) N39°56.57' W74°50.74'

WASHINGTON

L-34G, A

IAP

53 B S4 FUEL 100LL, JET A TPA-853(800) NOTAM FILE VAY

RWY 08-26: H3911X50 (ASPH) S-30 MIRL

RWY 08: PAPI(P2R)—GA 3.25° TCH 45'. Tree.

RWY 26: PAPI(P2R)—GA 3.0° TCH 40'. Tree. Rgt tfc.

AIRPORT REMARKS: Attended 1300-2300Z†. Deer on and in/ov arpt.

Helicopter tkfs and ldg restricted to Rwy 08-26 only. Balls marking p-lines on apch to Rwy 08 faded. Trees along sides of rwy primarily NW. ACTIVATE MIRL Rwy 08-26-123.3.

WEATHER DATA SOURCES: ASOS 119.325 (609) 267-1176.

COMMUNICATIONS: CTAf/UNICOM 122.8

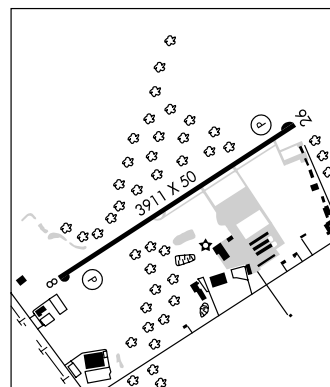
Ⓡ McGUIRE APP/DEP CON 124.15

GCO 121.725 (NEW YORK FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14'

W74°29.70' 236° 22.4 NM to fld. 248/10W.



NAADA N39°29.89' W74°40.35' NOTAM FILE ACY.
NDB (LOM) 336 PV 129° 5.1 NM to Atlantic City Intl.

WASHINGTON
 L-346

NEWARK LIBERTY INTL (EWR) 3 S UTC-5(-4DT) N40°41.55' W74°10.12'

NEW YORK

18 B S4 FUEL 100LL, JET A OX 3 LRA Class I, ARFF Index E NOTAM FILE EWR

COPTER

RWY 04L-22R: H11000X150 (ASPH-CONC-GRVD) D-191, ST-175, DT-358,

H-101, 121, L-33A, 34H

DDT-873 HIRL CL

IAP, AD

RWY 04L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. Thld dspcd 2540'. Tree.

RWY 22R: MALSR. REIL. TDZL. PAPI(P4L)—GA 3.0° TCH 65'. Thld dspcd 1440'. Pole.

RWY 04R-22L: H10000X150 (ASPH-GRVD) D-191, ST-175, DT-358, DDT-873 HIRL CL

RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 72'. Thld dspcd 1190'. Pole.

RWY 22L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 61'. Thld dspcd 1793'. Pole.

RWY 11-29: H6800X150 (ASPH-GRVD) D-191, ST-175, DT-358, DDT-873 HIRL CL

RWY 11: TDZL. REIL. VASI(V4L)—GA 3.08° TCH 53'. Antenna.

RWY 29: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60'. Thld dspcd 298'. Building.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04L	11-29	7750
RWY 04R	11-29	8100
RWY 11	04R-22L	5700

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L: TORA-11000 TODA-11000 ASDA-11000 LDA-8460

RWY 04R: TORA-10000 TODA-10000 ASDA-10000 LDA-8810

RWY 11: TORA-6800 TODA-6800 ASDA-6800 LDA-6800

RWY 22L: TORA-10000 TODA-10000 ASDA-10000 LDA-8206

RWY 22R: TORA-11000 TODA-11000 ASDA-11000 LDA-9560

RWY 29: TORA-6800 TODA-6800 ASDA-6800 LDA-6502

AIRPORT REMARKS: Special Air Traffic Rules—Part 93. Attended continuously. Para-Sail and banner towing ops 1000 ft and bto in upper and lower New York bays including Rockaway inlet indef. Flocks of birds on and in/ov airport. Rwy 04L-22R south 1800' conc, north 1000' conc, center 8200' asph. ASDE-X surveillance system in use, pilots should operate transponders with mode C on all twys and rws. For noise restrictions call 212-435-3779 during normal business hours. Twy Z between Twy U and UB restricted to narrow body acft indef. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Intersection Departures During Period of Darkness, Continuous Power Facilities and Intersecting Runway Operations.

WEATHER DATA SOURCES: LLWAS, TDWR.

COMMUNICATIONS: D-ATIS ARR 115.7 D-ATIS SOUTH ARR 134.825 (973) 824-4417. UNICOM 122.95

Ⓡ NEW YORK APP CON 132.8 (241°-269°) 128.55 (090°-240°) 127.6 (270°-330°) 132.7 (331°-089°)

TOWER 118.3 134.05 GND CON 121.8 126.15 CLNC DEL 118.85 PRE-TAXI CLNC 118.85 GATE HOLD 132.45

Ⓡ NEW YORK DEP CON 119.2

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) VORW/DME 108.4 TEB Chan 21 N40°50.92' W74°03.74' 218° 10.5 NM to fld. 10/11W.

ILS/DME 108.7 I-LSQ Chan 24 Rwy 22L.

ILS/DME 110.75 I-JNN Chan 44(Y) Rwy 22R. ILS unusable byd 25° left of course. DME shared with ILS Rwy 04L.

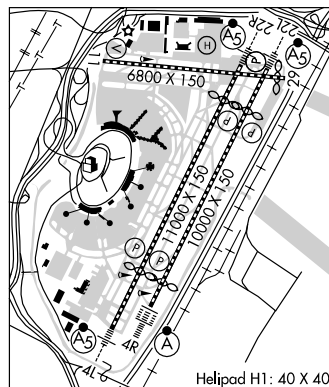
ILS/DME 110.75 I-EWR Chan 44(Y) Rwy 04L. Class IB. DME shared with ILS Rwy 22R.

ILS/DME 108.7 I-EZA Chan 24 Rwy 04R. Class IIIE. DME unusable byd 15 NM.

ILS 109.15 I-GPR Rwy 11. Glideslope unusable byd 5° rgt and left side of course and 0.7 NM (300 ft MSL) inbound.

• • • • •
HELIPAD H1: H40X40 (CONC)

HELIPORT REMARKS: Helipad H1 located on Twy S. Helipad H1 perimeter lights.



NEWTON (3N5) 3 S UTC-5(-4DT) N41°01.64' W74°45.51'

NEW YORK

620 NOTAM FILE MIV

RWY 06-24: H2546X45 (ASPH)

RWY 06: Tree. RWY 24: Tree. Rgt tfc.

AIRPORT REMARKS: Attended dawn-dusk. Deer and birds on and invof arpt.

COMMUNICATIONS: CTAF 122.9

OCEAN CITY MUNI (26N) 2 SW UTC-5(-4DT) N39°15.81' W74°36.45'

WASHINGTON

5 FUEL 100LL NOTAM FILE MIV

L-346

RWY 06-24: H2977X60 (ASPH) S-12.5 MIRL

IAP

RWY 06: PAPI(P2R)—GA 3.5° TCH 40'. Tree.

RWY 24: PAPI(P2L)—GA 3.5° TCH 40'. Tree. Rgt tfc.

AIRPORT REMARKS: Attended Jun-Sep 1300-0100Z+, winter 1300-2100Z+. Birds on and invof arpt. Automated weather advisory. ACTIVATE by 3 clicks on CTAF. Also avbl by phone 609-398-0705. ACTIVATE MIRL Rwy 06-24—CTAF.

COMMUNICATIONS: CTAF/AUNICOM 122.7

Ⓡ ATLANTIC CITY APP/DEP CON 124.6 CLNC DEL 133.6

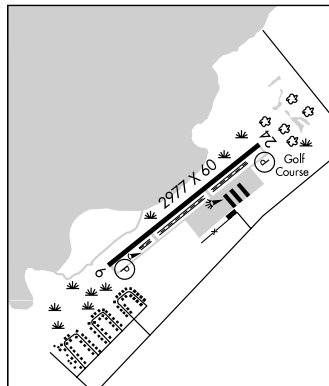
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26'

W74°58.03' 144° 23.5 NM to fld. 120/10W.

ATLANTIC CITY (L) VORTAC 108.6 ACY Chan 23 N39°27.35'

W74°34.58' 197° 11.6 NM to fld. 70/10W.



OLD BRIDGE (3N6) 5 S UTC-5(-4DT) N40°19.79' W74°20.81'

NEW YORK

87 B S4 FUEL 100LL NOTAM FILE MIV

L-34H

RWY 06-24: H3594X50 (ASPH) MIRL 0.6% up NE

IAP

RWY 06: REIL. VASI(NSTD). Thld dsplcd 600'. Trees.

RWY 24: REIL. VASI(NSTD). Thld dsplcd 400'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended dalgt hours. No touch and go. Avoid overflight of Englishtown Flea Market 1 NM SW.

Trees along east side of Rwy 06-24. ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24, rotating bcn—CTAF. Ldg fee.

COMMUNICATIONS: CTAF/UNICOM 123.075

ROBINSVILLE RCO 122.1R 113.8T (MILLVILLE RADIO)

Ⓡ MCGUIRE APP/DEP CON 124.15

GCO 121.725 (MILLVILLE FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14' W74°29.70' 052° 10.2 NM to fld. 248/10W.

PATERSON N40°56.79' W74°09.05' NOTAM FILE MIV.

NEW YORK

NDB (MHW) 347 PNJ 249° 7.1 NM to Essex Co. Unusable 260°-040° beyond 15 NM.

COPTER

L-33B, 34H

PEDRICKTOWN

SPITFIRE AERODROME (7N7) 2 S UTC-5(-4DT) N39°44.13' W75°23.86'

WASHINGTON

40 B S4 FUEL 100LL, JET A NOTAM FILE MIV

L-346, A

RWY 07-25: H2419X60 (ASPH) MIRL

IAP

RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 20'. Thld dsplcd 198'. Tree.

RWY 25: REIL. PAPI(P2R)—GA 4.0° TCH 20'. Tree.

AIRPORT REMARKS: Attended 1300Z+-dusk. Deer and birds on and invof arpt. Arpt access road near AER Rwy 07.

ACTIVATE MIRL Rwy 07-25, REIL Rwy 07 and Rwy 25 and PAPI Rwy 07 and Rwy 25—122.7.

COMMUNICATIONS: CTAF/UNICOM 122.7

PHILADELPHIA CLNC DEL TF 800-354-9884

Ⓡ PHILADELPHIA APP/DEP CON 119.75

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WOODSTOWN (L) VORTAC 112.8 OOD Chan 75 N39°38.16' W75°18.18' 334° 7.4 NM to fld. 140/10W.

PITTS TOWN**ALEXANDRIA** (N85) 2 W UTC-5(-4DT) N40°35.26' W75°01.17'

480 B S4 FUEL 100LL, JET A NOTAM FILE MIV

RWY 08-26: H2550X60 (ASPH) MIRL 0.7% up E

RWY 08: PAPI(P2R)—GA 3.0° TCH 20'. Tree.

RWY 26: PAPI(P2L)—GA 4.5° TCH 20'. Tree.

RWY 13-31: 1804X100 (ASPH-TURF) 0.8% up SE

RWY 13: Tree. RWY 31: Tree.

AIRPORT REMARKS: Attended 1300Z†-dusk. Rwy 13-31 25 ft wide asph strip full length down center of rwy. Turf portion of rwy unusable. Helicopter takeoff and ldg rstd to Rwy 08/26 only. Helicopters use fixed-wing traffic patterns and altitudes. Ctc arpt management 908-730-9223 prior to conducting helicopter training activity. ACTIVATE MIRL Rwy 08-26 and rotating beacon—121.8. Taxi on pavement only.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000') 118.2 (3000' and blo)

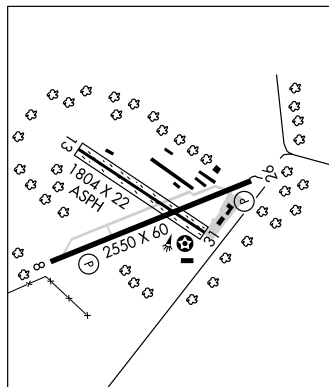
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 281° 12.7 NM to fld. 190/10W. **HIWAS.**

NEW YORK

L-33A, 34H

IAP

**SKY MANOR** (N40) 2 SW UTC-5(-4DT) N40°33.98' W74°58.72'

560 S4 FUEL 100LL TPA—See Remarks NOTAM FILE MIV

RWY 07-25 H2900X50 (ASPH) MIRL 0.3% up NE

RWY 07: REIL. PAPI(P2R)—GA 4.0° TCH 26'. Thld dsplcd 878'. Trees.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 29'. P-line.

AIRPORT REMARKS: Attended continuously. 24 hr self-serve fuel system on north end of main apron. Parachute Jumping. CAUTION: Ultralights fly close in pattern at 860(300). Balloon, glider, helicopter, and ultralight activity on and infov arpt. Gliders opr from turf area just south of Rwy 07-25. TPA for low wing acft 1300(740), high wing acft 1400(840). ACTIVATE MIRL Rwy 07-25, REIL Rwy 07 and Rwy 25, PAPI Rwy 07 and Rwy 25 and twy lgts—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000') 118.2 (3000' and blo)

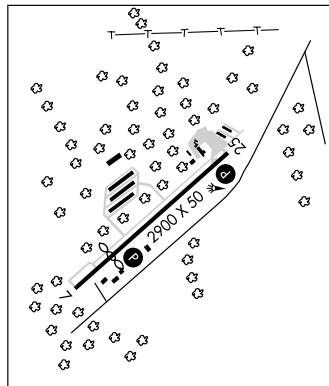
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 275° 10.9 NM to fld. 190/10W. **HIWAS.**

NEW YORK

L-33A, 34H

IAP



PRINCETON/ROCKY HILL

PRINCETON (39N) 3 N UTC-5(-4DT) N40°23.95' W74°39.54'
 128 B S4 FUEL 100LL, JET A TPA-1203(1075) NOTAM FILE MIV
RWY 10-28: H3499X75 (ASPH) S-15 MIRL

NEW YORK
 L-34H
 IAP

RWY 10: REIL. PAPI(P2L)—GA 3.45° TCH 44'. Tree.

RWY 28: PAPI(P2L)—GA 3.0° TCH 42'. Thld dsplcd 369'. Bldg.

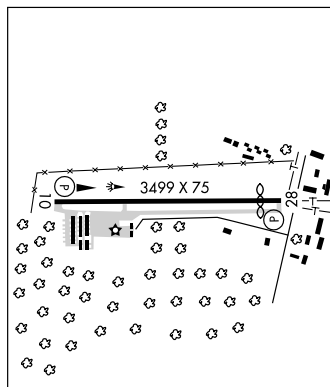
AIRPORT REMARKS: Attended 1300-dusk. Unattended Christmas Day and New Years Day. Deer and birds on and invof arpt. Noise sensitive areas invof arpt. Departure NS ABTMT procedures in effect, call arpt management for information. Rwy 28 departure no turns until at least 900' MSL and beyond Cherry Hill Road. No student touch & go flight activities. Rwy 10-28 rgt tfc helicopters. ACTIVATE MIRL Rwy 10-28 and REIL Rwy 10-123.05.

COMMUNICATIONS: CTAF/UNICOM 122.725

® **NEW YORK APP/DEP CON** 132.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20'
 W74°54.46' 062° 14.4 NM to fld. 300/10W.



RAINBOW N39°25.10' W75°08.11' NOTAM FILE MIV.
NDB (HW) 363 RNB 147° 4.2 NM to Millville Muni.

WASHINGTON
 H-101, L-34G, A

READINGTON

SOLBERG-HUNTERDON (N51) 1 NW UTC-5(-4DT) N40°34.98' W74°44.19'
 195 S4 FUEL 100LL, JET A TPA-1200(1005) NOTAM FILE MIV
RWY 13-31: 3440X200 (TURF) 1.0% up NW

NEW YORK
 L-33A, L-34H
 IAP

RWY 13: Tree.

RWY 31: Trees.

RWY 04-22: 3735X50 (ASPH-TURF) MIRL 0.7% up NE

RWY 04: Thld dsplcd 735'.

RWY 22: Tree.

AIRPORT REMARKS: Attended 1400-2200Z+. Arpt unattended all major holidays and Christmas and New Years eve afternoons. Call 908-534-4000 to verify status of lgts. Deer on and invof arpt. Blimp and hot air balloon activity on and invof arpt—spring through fall. Dsplcd thld Rwy 04 735' turf, 180' wide. Rwy 04-22 turf portion avbl for txf. All rwys no touch and go landings. All rwys depart straight out to 1200' before turning. Rwy 04-22 MIRL on paved 3000 ft by 50 ft portion of rwy.

WEATHER DATA SOURCES: HIWAS 112.9 SBJ.

COMMUNICATIONS: CTAF/UNICOM 122.8

SOLBERG RCO 122.1R 112.9T (MILLVILLE RADIO)

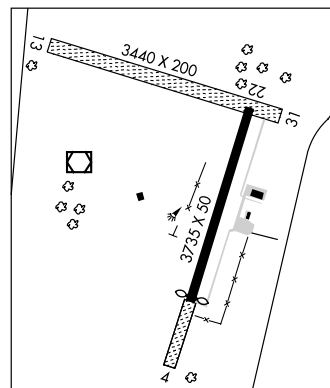
® **NEW YORK APP/DEP CON** 132.8

GCO 121.725 (NEW YORK APP/DEP CON)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98'
 W74°44.51' at fld. 190/10W. HIWAS.

COMM/NAV/WEATHER REMARKS: For IFR clnc del ctc NY TRACON 800-645-3206.



RED LION (See VINCENTOWN)

REDWING (See JOBSTOWN)

ROBBINSVILLE N40°12.14' W74°29.70' NOTAM FILE MIV.
(H) VORTAC 113.8 RBV Chan 85 288° 5.0 NM to Trenton-Robbinsville. 248/10W.
 VOR portion unusable:

NEW YORK
 H-101, L-34H

135°-170° byd 12 NM blo 2500'

135°-170° byd 19 NM blo 3500'

135°-170° byd 27 NM blo 5000'

315°-360° byd 10 NM blo 3500'

RCO 122.1R 113.8T 122.45 (MILLVILLE RADIO)

ROBBINSVILLE**TRENTON-ROBBINSVILLE** (N87) 1 E UTC-5(-4DT) N40°12.84' W74°36.11'

118 B S4 FUEL 100LL TPA-1099(981) NOTAM FILE MIV

RWY 11-29: H4275X75 (ASPH) S-25 MIRL

RWY 11: PAPI(P2L)—GA 4.5° TCH 46'. Thld dsplcd 398'. Trees.

RWY 29: PAPI(P2R)—GA 4.0° TCH 29'. Thld dsplcd 300'. Trees. Rgt t/c.

AIRPORT REMARKS: Attended 1300-2100Z+. Self svc fuel system mid-field apron. Wind indicator OTS indef. VFR departure Rwy 11: noise abatement procedures in effect. VFR departure Rwy 29; for noise abatement climb straight ahead until reaching 700 ft AGL before turning. Avoid overflight of Sharon Elementary School .75 NM northeast. Men and equipment from adjacent golf course frequently cross rwy and twys. ACTIVATE MIRL Rwy 11-29-123.3.

COMMUNICATIONS: CTAF/UNICOM 123.0

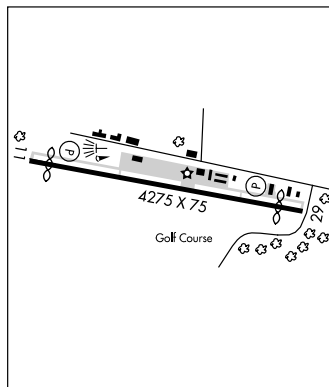
ROBBINSVILLE RCO 122.1R 113.8T 122.45 (MILLVILLE RADIO)

® McGUIRE APP/DEP CON 124.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14'

W74°29.70' 288° 5 NM to fld. 248/10W.

COMM/NAV/WEATHER REMARKS: FAR PART 135 weather svc avbl.**ROBERT J. MILLER AIR PARK** (See TOMS RIVER)**SEA ISLE** N39°05.73' W74°48.02' NOTAM FILE MIV.

(H) VORTAC 114.8 SIE Chan 95 233° 7.3 NM to Cape May Co. 10/09W. HIWAS.

WASHINGTON

H-101, 121, L-346, A

VOR portion unusable:

293°-016° byd 34 NM

293°-016° byd 10 NM blo 3000'

293°-016° byd 15 NM blo 4000'

293°-016° byd 22 NM blo 5000'

293°-016° byd 24 NM blo 7000'

017°-048° byd 10 NM blo 1800'

017°-048° byd 18 NM blo 2500'

017°-048° byd 24 NM blo 3500'

017°-048° byd 33 NM blo 4500'

DME unusable: 238°-048° byd 34 NM blo 1800'

RCO 122.1R 114.8T (MILLVILLE RADIO)

017°-048° byd 37 NM blo 5500'

049°-070° byd 12 NM blo 2500'

049°-070° byd 17 NM blo 4500'

049°-070° byd 35 NM blo 6000'

071°-215° blo 2500'

071°-215° byd 14 NM blo 4500'

071°-215° byd 30 NM blo 5500'

238°-292° byd 10 NM blo 4000'

238°-292° byd 31 NM blo 7000'

SKY MANOR (See PITTSTOWN)**SOLBERG** N40°34.98' W74°44.51' NOTAM FILE MIV.

(L) VOR/DME 112.9 SBJ Chan 76 at Solberg-Hunterdon. 190/10W. HIWAS.

NEW YORK

H-101, 121, L-33A, 34H

VOR portion unusable:

055°-117° byd 35 NM

148°-236° byd 38 NM blo 2500'

DME unusable:

251°-300° byd 26 NM blo 3000'

301°-325° byd 18 NM

326°-146° byd 29 NM blo 3000'

238°-345° byd 35 NM blo 4000'

RCO 122.1R 112.9T (MILLVILLE RADIO)

SOLBERG-HUNTERDON (See READINGTON)**SOMERSET** (See SOMERVILLE)

SOMERVILLE**SOMERSET** (SMQ) 3 N UTC-5(-4DT) N40°37.56' W74°40.22'

105 B S4 FUEL 100LL, JET A TPA-1100 (995) NOTAM FILE SMQ

RWY 12-30: H2733X65 (ASPH) MIRL 0.7% up SE

RWY 12: REIL. Trees. RWY 30: Thld dsplcd 600'. Tree.

RWY 08-26: 2200X100 (TURF)

RWY 08: Tree. RWY 26: Tree.

RWY 17-35: 1821X200 (TURF) 0.3% up S

RWY 17: Trees. RWY 35: Trees.

AIRPORT REMARKS: Attended 1300-2200Z+. CLOSED Christmas, New Years and Easter. Rwy 12 arrivals and departures may not be able to see each other. Rwy 08-26 550' west end unsuitable for tkf or ldg due to uneven surface. Deer on and invof arpt. For MIRL Rwy 12-30, REIL Rwy 12 call 908-722-2444/2474. REIL Rwy 12 partially obstructed by trees/brush. Departures Rwy 30 turn right 10° followed by a wide left turn-avoid residential areas. Rwy 08-26 and Rwy 17-35 widths depend on grasscutting. Glider ops. Glider tfc uses Rwy 08-26; Rwy 26 rgt tfc for gliders.

WEATHER DATA SOURCES: ASOS 120.6 (908) 722-2139.**COMMUNICATIONS:** CTAF/UNICOM 123.0

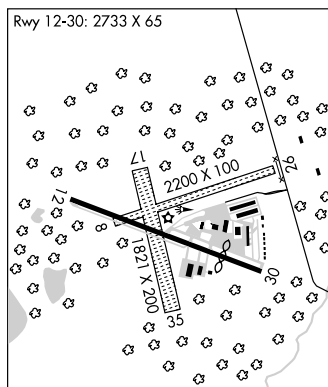
® NEW YORK APP/DEP CON 132.8

GCO 121.725 (MILLVILLE FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 062° 4.2 NM to fld. 190/10W.

HIWAS.

COMM/NAV/WEATHER REMARKS: For IFR Clearance Delivery ctc New York App 1-800-645-3206.

NEW YORK

L-33A, 34H

IAP

SOUTHERN CROSS (See WILLIAMSTOWN)**SOUTH JERSEY RGNL** (See MOUNT HOLLY)**SPARTA** N41°04.05' W74°32.30' NOTAM FILE MIV.

(H) VORTACW 115.7 SAX Chan 104 345° 8.8 NM to Sussex. 1410/11W.

RCO 122.5 (MILLVILLE RADIO)

NEW YORK

H-101, L-33A, 34H

SPITFIRE AERODROME (See PEDRICKTOWN)**STILLWATER** N40°59.75' W74°52.14' NOTAM FILE MIV.

(L) VOR/DME 109.6 STW Chan 33 094° 6.0 NM to Aeroflex Andover. 920/11W.

DME portion unusable: 210°-320° blo 4,000' byd 30 NM; 089°-099° blo 10,000 within 12 NM.

RCO 122.1R 109.6T (MILLVILLE RADIO)

NEW YORK

H-101, L-33A, 34H

SUSSEX (FWN) 1 SW UTC-5(-4DT) N41°12.01' W74°37.38'

421 B S4 FUEL 100LL, JET A NOTAM FILE MIV

RWY 03-21: H3499X75 (ASPH) MIRL 0.6% up SW

RWY 03: REIL. PAPI(P2L)-GA 4.0° TCH 40'. Thld dsplcd 457'. Bldg.

RWY 21: REIL. Thld dsplcd 750'. Pole.

AIRPORT REMARKS: Attended 1300Z+-dusk. Self-service fuel. Parachute Jumping. Drop zone located southwest side of rwy. Twys in poor condition with potholes, cracks, and asphalt breaking up. No twy markings. ACTIVATE MIRL Rwy 03-21 and REIL Rwy 03 and Rwy 21-CTAF.

WEATHER DATA SOURCES: ASOS 118.525 (973) 875-0859.**COMMUNICATIONS:** CTAF/UNICOM 122.7

® NEW YORK APP/DEP CON 127.6

GCO 121.725 (ISLIP FSS)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05' W74°32.30' 345° 8.8 NM to fld. 1410/11W.

NEW YORK

L-33A, 34H

IAP

TETERBORO (TEB) 1 SW UTC-5(-4DT) N40°51.01' W74°03.65'**NEW YORK**9 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA-See Remarks LRA Class IV, ARFF Index A **COPTER**

NOTAM FILE TEB

H-101, 12J, L-33B, 34H

RWY 01-19: H7000X150 (ASPH-GRVD) S-50, D-100, ST-127 HIRL CL IAP, AD**RWY 01:** REIL. VASI(V4R)—GA 3.46° TCH 58'. Thld dsplcd 771'.

Tree.

RWY 19: TDZL. REIL. PAPI(P4L)—GA 3.0° TCH 56'. Thld dsplcd 770'. Tree.**RWY 06-24:** H6013X150 (ASPH-GRVD) S-50, D-100, ST-127 HIRL**RWY 06:** MALSR. Tree.**RWY 24:** REIL. PAPI(P4L)—GA 3.2° TCH 43' Antenna.**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	06-24	4550
RWY 06	01-19	3750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-7000	TODA-7000	ASDA-7000	LDA-6229
RWY 06: TORA-6013	TODA-6013	ASDA-6013	LDA-6013
RWY 19: TORA-7000	TODA-7000	ASDA-7000	LDA-6230
RWY 24: TORA-6013	TODA-6013	ASDA-6013	LDA-6013

ARRESTING GEAR/SYSTEM**RWY 06:** EMAS 251'x170'

AIRPORT REMARKS: Attended continuously. CLOSED to motorless acft-uncontrolled acft and ultralight activity except by prior permission. All acft avoid hospital 1.7 mi N of Rwy 01-19. Deer and bird activity on and near arpt. Water ponding condition on pavement edges at intersection of Twy F and Twy L. Helicopter ops over residential areas blo 1000 ft MSL should be avoided. Daily continuous construction activity all quadrants. Acft and helicopter noise abatement rules in effect; ctc noise abatement office 201-393-0399/288-1775 for copy of procedures and rules prior to arrival. Rwy 24 noise critical rwy maximum noise limit of 80 db between 0300-1200Z† and 90 db all other hrs. Stage I acft not permitted to opr at Teterboro Arpt. PPR for any acft operating above 100,000 pounds. Rwy 06 touchdown rwy visual range avbl. TPA-1500 (1491) for large/turbine acft; 1000 (991) for all others. Rwy 01 REIL OTS indef. Twy G CLOSED east of Rwy 19 indef. Twy M clsd indef. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Instrument Approach—Airspace Interaction Chart, and Terminal Area Graphic Notice. Wake Turbulence for Intersection Departures.

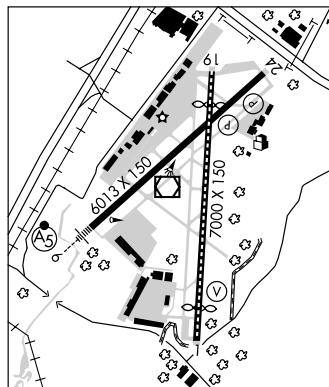
COMMUNICATIONS: D-ATIS 132.025 114.2

RCO 122.65 122.2 (MILLVILLE RADIO).

① **NEW YORK APP CON** 127.6 ② **NEW YORK DEP CON** 126.7 119.2**TOWER** 119.5 125.1 **GND CON** 121.9 **CLNC DEL** 128.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE TEB.(T) **VORW/DME** 108.4 TEB Chan 21 N40°50.92' W74°03.74' at fld. 10/11W.

VOR/DME unusable 081°-120° blo 4000', 121°-180° blo 3000'.

DME unusable 060°-080° byd 22 NM blo 2500'

TORBY NDB (LOM) 214 TE N40°48.27' W74°07.95' 062° 4.3 NM to fld. Unusable byd 10 NM.**ILS/DME** 110.15 I-TJL Chan 38(Y) Rwy 19. Class IE.**ILS** 108.9 I-TEB Rwy 06. Class IE. LOM **TORBY NDB**. LOM unusable byd 10 NM. LOC unusable byd 15° left of course.**COMM/NAV/WEATHER REMARKS:** For radar svc blo 1800' ctc Teterboro twr frequency 119.5. Arpt ops frequency 130.575.

TOMS RIVER**ROBERT J. MILLER AIR PARK** (MJX) 5 SW UTC-5(-4DT) N39°55.65' W74°17.54'**WASHINGTON**

82 B S4 FUEL 100LL, JET A OX 3 TPA-1000(918) NOTAM FILE MJX

H-101, 121, L-346

RWY 06-24: H5949X100 (ASPH) S-12 HIRL

IAP

RWY 06: MALSR. PAPI(P2L)—GA 3.0° TCH 53'.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. Deer on and invof arpt.

ACTIVATE HIRL Rwy 06-24, MALSR Rwy 06, REIL Rwy 24—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.875 (732) 244-4450.**COMMUNICATIONS:** CTAF/UNICOM 122.7

® McGUIRE APP/DEP CON 124.15

GCO 121.725 (NEW YORK FSS)

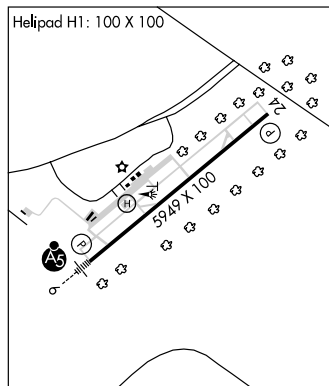
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04'

W74°25.90' 054° 9.2 NM to fld. 210/10W.

ILS 109.9 I-MJX Rwy 06. Class IA. Unmonitored.

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HELIPAD H1: H100X100 (ASPH-GRVL)**HELIPORT REMARKS:** Helipad H1 perimeter lights. ACTIVATE perimeter lgt's—CTAF.**TORBY** N40°48.27' W74°07.95' NOTAM FILE TEB.

NDB (LOM) 214 TE 062° 4.3 NM to Teterboro. Unusable byd 10 NM.

TRENN N40°12.76' W74°53.91' NOTAM FILE TTN.**NEW YORK**

NDB (LOM) 369 TT 057° 5.5 NM to Trenton Mercer. Unmonitored.

L-346

TRENTON MERCER (TTN) 4 NW UTC-5(-4DT) N40°16.60' W74°48.81'

NEW YORK

213 B S4 FUEL 100LL, JET A OX 2,4 TPA—See Remarks Class I, ARFF Index A

H-101, 121, L-346, A

NOTAM FILE TTN

IAP, AD

RWY 06-24: H6006X150 (ASPH-GRVD) S-120, D-180, ST-175, DT-320 HIRL 0.5% up NE**RWY 06:** MALSR. Tree.**RWY 24:** REIL. PAPI(P4L)—GA 3.0° TCH 39'. Tree.**RWY 16-34:** H4800X150 (ASPH-GRVD) S-120, D-180, ST-175, DT-320 HIRL 0.8% up NW**RWY 16:** REIL. PAPI(P4L)—GA 3.0° TCH 34'.**RWY 34:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Tree.**AIRPORT REMARKS:** Attended continuously. Fuel avail continuously.

Geese and flocks of sea gulls and deer on and invof arpt. No touch and go ldg or training ops 0300-1200Z. Recommend acft departing NE climb as expeditiously as possible to 1500 ft MSL to avoid Twin Pines tfc pattern; and acft ldg Rwy 24 maintain at least 1500 ft MSL till clearing the Twin Pines tfc pattern. Noise abatement procedures in effect, deps over 12,500 lbs fly rwy heading until 1700 ft MSL, deps under 12,500 lbs fly rwy heading until 1200 ft MSL. TPA for acft under 12,500 pounds 1200(987), acft over 12,500 pounds 1700(1487). When twr clsd ACTIVATE HIRL Rwy 06-24 and HIRL Rwy 16-34, MALSR Rwy 06, PAPI Rwy 24 and Rwy 16 and Rwy 34, REIL Rwy 24 and Rwy 16 and Rwy 34, and twy lgts—CTAF. Ldg fee for all transient acft. U.S. Customs user fee arpt.

WEATHER DATA SOURCES: ASOS 126.77 (609) 538-8690. LAWRS.**COMMUNICATIONS:** CTAF 120.7 ATIS 126.775 UNICOM 122.95

® PHILADELPHIA APP/DEP CON 123.8 (128.4 when twr closed) CLNC DEL TF 800-354-9884.

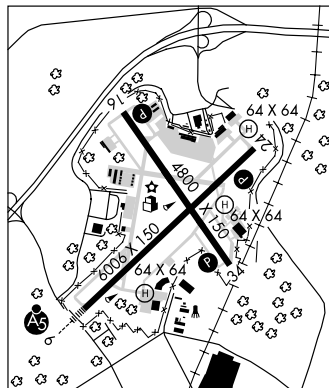
TOWER 120.7 (1100-0300Z) GND CON 121.9 CLNC DEL 121.9

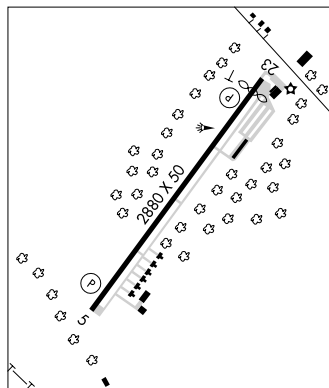
AIRSPACE: CLASS D svc 1100-0300Z other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**YARDLEY (L) VOR/DME** 108.2 ARD Chan 19 N40°15.20' W74°54.46' 082° 4.5 NM to fld. 300/10W.**TRENN NDB (LOM)** 369 TT N40°12.76' W74°53.95' 58° 5.5 NM to fld. Unmonitored.

ILS 111.3 I-TTN Rwy 06. Class IA. LOM TRENN NDB. ILS unmonitored when twr clsd.

• • • • •
HELIPAD H1: H64X64 (ASPH)**HELIPAD H2:** H64X64 (ASPH)**HELIPAD H3:** H64XA64 (ASPH)**HELIPORT REMARKS:** Helipad H1 located at intersection of Twys A and H. Helipad H2 located at NE end of Twy B.

Helipad H3 located on S apron at Twy F.

**TRENTON-ROBBINSVILLE** (See ROBBINSVILLE)**TRINCA** (See ANDOVER)

VINCENTOWN**RED LION** (N73) 2 S UTC-5(-4DT) N39°54.25' W74°44.97'54 B S4 **FUEL** 100LL NOTAM FILE MIV**RWY 05-23:** H2880X50 (ASPH) MIRL (NSTD) 0.4% up SW**RWY 05:** PAPI(P2L)—GA 4.0° TCH 28'. Trees.**RWY 23:** PAPI(P2R)—GA 5.0° TCH 35'. Thld dspcd 140'. Trees.**AIRPORT REMARKS:** Attended 1300Z±-dark. Rwy 05-23 NSTD MIRL. Rwy 05 and Rwy 23 NSTD thld markings approximately 50' long. Rwy 5 thld lgts installed 110' byd thld. Rwy 23 end lgts located 110' before actual rwy end. Rwy 23 PAPI OTS indef. ACTIVATE MIRL Rwy 05-23-123.5.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **McGUIRE APP/DEP CON** 124.15**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**COYLE (H) VORTAC** 113.4 CYN Chan 81 N39°49.04' W74°25.90' 300° 15.6 NM to fld. 210/10W.WASHINGTON
L-34G, A
IAP**VINELAND****KROELINGER** (29N) 3 N UTC-5(-4DT) N39°31.44' W75°02.78'

93 TPA-893(800) NOTAM FILE MIV

RWY 10-28: 2086X190 (TURF)**RWY 10:** Tree. **RWY 28:** P-line.**AIRPORT REMARKS:** Unattended. Rwy 10 trees near apch end and along rwy sides. Tall trees on short final Rwy 28.**COMMUNICATIONS:** CTAF 122.9**ATLANTIC CITY APP/DEP CON** 124.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**CEDAR LAKE (L) VORTAC** 115.2 VCN Chan 99 N39°32.26' W74°58.03' 267° 3.8 NM to fld. 120/10W.WASHINGTON
L-34G, A
IAP**VINELAND-DOWNTOWN** (28N) 4 NE UTC-5(-4DT) N39°32.26' W74°57.98'120 **FUEL** 100LL, JET A TPA-1320(1200). NOTAM FILE MIV**RWY 02-20:** 2251X100 (TURF) LIRL**RWY 02:** Tree. **RWY 20:** Building.**RWY 12-30:** 1800X100 (TURF)**RWY 12:** Trees. **RWY 30:** Brush.**AIRPORT REMARKS:** Attended Apr-Nov 1300-2100Z±. Unattended Dec-Mar. For fuel phone 856-697-3300. Arpt CLOSED at ngt to transients. Radio controlled models opr near AER 12. Rwy 12-30 rstd to agricultural and firefighting acft only. Heavy agricultural ops Apr-Oct. Lgts by prior arrangement call 856-697-3300.**COMMUNICATIONS:** CTAF/UNICOM 122.8

WASHINGTON

WEST CREEK**EAGLES NEST** (31E) 2N UTC-5(-4DT) N39°39.92' W74°18.48'

35 NOTAM FILE MIV

Not insp.

RWY 14-32: H3200X60(ASPH)**RWY 14:** Tree. **RWY 32:** Tree.**AIRPORT REMARKS:** Unattended. No rwy lgts. Ngt tkfs and ldgs prohibited. Rwy 14-32 NSTD object free area. Parallel treeline to within 80' of centerline on north side. Remote ctl acft opr adjacent to rwy.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**COYLE (H) VORTAC** 113.4 CYN Chan 81 N39°49.04' W74°25.90' 158° 10.8 NM to fld. 210/10W.WASHINGTON
L-34G

WEST MILFORD**GREENWOOD LAKE**

(4N1) 1 E UTC-5(-4DT) N41°07.70' W74°20.79'

791 B S4 FUEL 100LL TPA-1800(1009) NOTAM FILE MIV

RWY 06-24: H3471X60 (ASPH) MIRL

RWY 06: PAPI(P2L)—GA 5.75° TCH 39'. Trees. Rgt tfe.

RWY 24: PAPI(P2L)—GA 3.5° TCH 44'. Tree.

AIRPORT REMARKS: Attended 1300-2200Z. Deer and birds on and in/ov arpt. Arpt subject to gusting wind and frequent cross winds. Rwy 06-24 steep rock ledges located just beyond both rwy ends. Some rwy and twy lgts taller than standard. Rwy 06 NSTD glide angle due to terrain. ACTIVATE MIRL Rwy 06-24—CTAF.

COMMUNICATIONS: CTAF 122.9

Ⓡ NEW YORK APP/DEP CON 127.6

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05' W74°32.30' 078° 9.4 NM to fld. 1410/11W.

NEW YORK
L-33A, 34H
IAP**WILDWOOD****CAPE MAY CO**

(WWD) 4 NW UTC-5(-4DT) N39°00.51' W74°54.50'

23 B S2 FUEL 100LL, JET A TPA—See Remarks ARFF Index Ltd. NOTAM FILE WWD

RWY 01-19: H4998X150 (ASPH) S-45, D-75, ST-95, DT-120 HIRL

RWY 01: PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 19: PAPI(P4L)—GA 3.0° TCH 59'. Thld dspcd 77'. Road.

RWY 10-28: H4998X150 (ASPH) S-45, D-75, ST-95, DT-120

MIRL

RWY 10: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 45'. Twr.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

RWY 19: TORA-4998 TODA-4998 ASDA-4998 LDA-4921

RWY 10: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

RWY 28: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

AIRPORT REMARKS: Attended 1300-2300Z. Birds on and in/ov arpt.

PAEW within the safety area of all rwys and twys daily May thru Oct. Twy B south of Twy A can only be used by acft with wingspans less than 79'. Twy A west of Twy F can only be used by acft with wingspans less than 79'. Rwy 28 NSTD basic markings, no thld pavement stripes. TPA-823(800) single engine acft, 1023(1000) twin engine acft. Twy B edge lgts NSTD, 15' from pavement edge.

ACTIVATE HIRL Rwy 01-19, MIRL Rwy 10-28—CTAF.

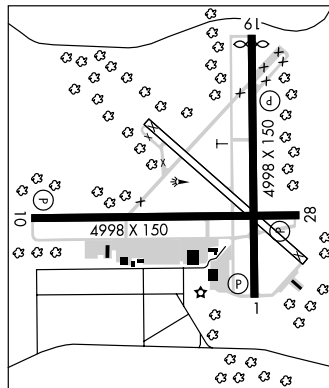
WEATHER DATA SOURCES: AWOS-3 118.275 (609) 886-9089**COMMUNICATIONS:** CTAF/UNICOM 122.7

ATLANTIC CITY APP/DEP CON 124.6 CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 059° 18.5 NM to fld. 5/09W.

ILS 108.9 I-CEJ Rwy 19. LOC only. LOC unmonitored.

WASHINGTON
L-34G, A
IAP**WILLIAMSTOWN****SOUTHERN CROSS**

(C01) 3 SW UTC-5(-4DT) N39°39.33' W75°00.87'

145 S2 FUEL 100LL NOTAM FILE MIV

RWY 09-27: 2400X80 (TURF)

RWY 09: P-line.

RWY 27: Tree.

AIRPORT REMARKS: Attended daltg hrs. Rwy 09 p-line marked with orange balls.**COMMUNICATIONS:** CTAF 122.9

WASHINGTON

WOODBINE MUNI (OBI) 2 SE UTC-5(-4DT) N39°13.15' W74°47.69'

WASHINGTON

42 B S4 FUEL 100LL NOTAM FILE MIV

L-346, A

RWY 01-19: H3304X75 (ASPH) S-45, D-60, DT-120 MIRL 0.5% up N

IAP

RWY 01: Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.7° TCH 21'. Trees.

RWY 13-31: H3073X75 (ASPH) S-35, D-50, DT-110 MIRL

RWY 13: PAPI(P2L)—GA 3.0° TCH 20'. Trees.

RWY 31: REIL. PAPI(P2R)—GA 3.5° TCH 25'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z+. Occasional weekend glider ops all rwys. Banner towing ops Memorial Day through Labor Day. ACTIVATE MIRL Rwy 13-31 and Rwy 01-19—CTAF.

WEATHER DATA SOURCES: AWOS-3 120.475 (609) 861-0610.

COMMUNICATIONS: CTAF/UNICOM 123.05

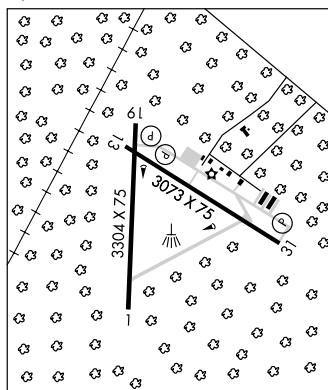
Ⓡ ATLANTIC CITY APP/DEP CON 124.6

GCD 121.725 (ATLANTIC CITY APP CON)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SEA ISLE (H) VORTAC 114.8 SIE Chan 95 N39°05.73'

W74°48.02' 011° 7.4 NM to fld. 10/09W. HIWAS.



WOODSTOWN N39°38.16' W75°18.18' NOTAM FILE MIV.

WASHINGTON

(L) VORTAC 112.8 OOD Chan 75 082° 13.2 NM to Cross Keys. 140/10W.

H-101, L-346, A

RCO 122.1R 112.8T (MILLVILLE RADIO)

ADIRONDACK RGNL (See SARANAC LAKE)

AIRHAVEN (See STAATSBURG)

AIRLANE ENTERPRISES (See CLAY)

AIRTREK (See WATERLOO)

AKRON (9G3) 1 E UTC-5(-4DT) N43°01.25' W78°28.97'

840 B S4 FUEL 100LL TPA-1840(1000) NOTAM FILE BUF

RWY 07-25: H3268X75 (ASPH) S-8 MIRL 0.3% up NE

RWY 07: PAPI(P2L)-GA 4.0° TCH 56'. Road.

RWY 25: REIL. PAPI(P2R)-GA 4.0° TCH 56'. Road.

RWY 11-29: 1955X50 (TURF)

RWY 11: Trees.

RWY 29: Trees.

AIRPORT REMARKS: Attended 1300Z+-sunset. Rwy 11-29 CLOSED indef. Deer and turkey invof arpt. Arpt manager recommends Rwy 11-29 be used for lds only. Parallel twy lighted and 35' wide. ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07 and 25 and REIL Rwy 25-CTAF.

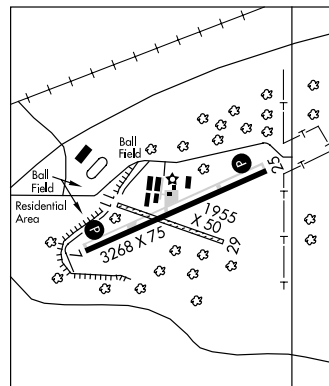
COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **BUFFALO APP DEP/CON** 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 061° 9.1 NM to fld. 730/08W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services
1-888-766-8267.

DETROIT
L-31E
IAP


ALBANY INTL (ALB) 6 NW UTC-5(-4DT) N42°44.95' W73°48.12'

NEW YORK

285 B S4 FUEL 100LL, JET A AOE Class I, ARFF Index C

H-101, 11C, 12I, L-326, 33B, 34I

NOTAM FILE ALB

IAP, AD

RWY 01-19: H8500X150 (ASPH-GRVD) S-140, D-200, ST-175,

DT-400 PCN 70 F/C/X/T HIRL CL

RWY 01: MALSR. PAPI(P4R)—GA 3.0° TCH 54'.

RWY 19: MALSR.

RWY 10-28: H7200X150 (ASPH-GRVD) S-140, D-200, ST-175,

DT-400 PCN 67 F/C/X/T MIRL CL

RWY 10: REIL. Trees.

RWY 28: REIL. PAPI(P4L)—GA 3.35° TCH 50'. Thld displcd 1202'. Tank.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	10-28	4150
RWY 28	01-19	3750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-8500	TODA-8500	ASDA-8500	LDA-8500
RWY 10: TORA-7200	TODA-7200	ASDA-6780	LDA-6780
RWY 19: TORA-8500	TODA-8500	ASDA-8500	LDA-8500
RWY 28: TORA-7200	TODA-7200	ASDA-7200	LDA-5998

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof

arpt. Weather balloon launches approximately 3 miles S of arpt at

1100Z† and 2300Z†. Rwy 01 touchdown and rollout runway visual

range avbl. Rwy 19 touchdown and rollout runway visual range avbl.

Twy 'C' west of Twy 'A' non movement

area. Twy D east of Rwy 01-19 restricted to acft 12,500 lbs and less. Customs/

Immigration's Flight Information Service adjacent to Twy E east of Rwy 01-19 on apron area; please follow

markings. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (518) 464-6423.

COMMUNICATIONS: D-ATIS 120.45 (1-800-342-0120) UNICOM 122.95

RCO 122.1R 115.3T (BURLINGTON RADIO)

RCO 122.45 122.2 (BURLINGTON RADIO)

® APP/DEP CON 132.825 (011°-194°) 118.05 (194°-011°) 127.15

TOWER 119.5 GND CON 121.7 CLNC DEL 127.5

AIRSPACE: CLASS C svc continuous ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

(L) VORTAC 115.3 ALB Chan 100 N42°44.84' W73°48.19' at fld. 275/13W.

VOR unusable:

330°-019° blo 3000'

330°-019° byd 10 NM blo 6000'

330°-019° byd 19 NM blo 9000'

330°-019° byd 28 NM blo 10000'

020°-059° byd 13 NM blo 6000'

060°-080°

100°-135° byd 8 NM blo 10000'

DME unusable:

030°-055° byd 10 NM

155°-195° byd 28 NM blo 5500'

120°-135° byd 37 NM blo 14500'

136°-175° byd 8 NM blo 6000'

176°-193° byd 17 NM blo 8000'

176°-193° byd 25 NM blo 12000'

194°-221° blo 6000'

194°-221° byd 28 NM blo 8000'

310°-320° byd 30 NM blo 5000'

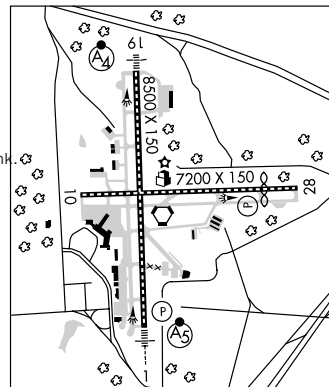
255°-340° byd 28 NM

HAWKY NDB (LOM) 219 AL N42°49.04' W73°48.51' 189° 4.1 NM to fld. Unusable 160°-210° byd 10 NM.

ILS/DME 109.5 I-ALB Chan 32 Rwy 19. Class IE. LOM HAWKY NDB.

ILS/DME 109.5 I-DEJ Cham 32 Rwy 01. Class IE.

COMM/NAV/WEATHER REMARKS: CLASS C information available on ATIS frequency 20 NM.



ALBION**PINE HILL** (9G6) 5 SW UTC-5(-4DT) N43°10.41' W78°16.48'

669 NOTAM FILE BUF

Not insp.

DETROIT

L-31E, 32F

RWY 10-28: H2659X36 (ASPH) S-12 LIRL (NSTD) 0.6% up E

IAP, AD

RWY 10: Tree.**RWY 28:** Thld displcd 250'. Road.

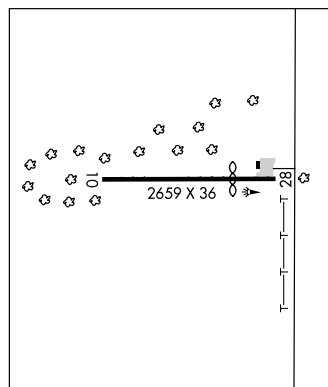
AIRPORT REMARKS: Unattended. Parachute Jumping. Rwy 10-28 limited to aircraft 12,500 lbs. 930' twr 930' SSE AER 28. 70'-80' trees 150' left AER 10. PAEW 75' east of Rwy 28. Rwy 10-28 localized open spalling with loose material located only at beginning Rwy 10. Rwy 10-28 NSTD LIRL first 225' east end unlgtd. ACTIVATE rwy lgts at 585-589-7758.

COMMUNICATIONS: CTAF/UNICOM 123.0Ⓡ **BUFFALO APP DEP/CON** 126.15**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**BUFFALO (H) VOR/DME** 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 056° 22 NM to fld. 730/08W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services

1-888-766-8267.

**ALPINE** N42°14.32' W76°45.84' NOTAM FILE ELM.**NEW YORK****NDB (MHW)** 245 ALP 242° 7.4 NM to Elmira/Corning Rgnl.

L-30J, 32F

ARCADE-TRI CO (D23) 2 N UTC-5(-4DT) N42°34.00' W78°25.57'**DETROIT**

1745 NOTAM FILE BUF

RWY 09-27: 3220X60 (GRVL) MIRL**RWY 09:** Trees.**RWY 27:** Brush.**RWY 14-32:** 2710X80 (TURF)**RWY 14:** Trees.**RWY 32:** Trees.

AIRPORT REMARKS: Unattended. Parachute activities irregular hrs. Arpt CLOSED winter months. Ultralgt acft prohibited. Rwy 09-27 CLOSED except PPR 716-537-9172. ACTIVATE MIRL Rwy 09-27-123.0.

COMMUNICATIONS: CTAF/UNICOM 123.0**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**ARGYLE** (1C3) 2 NE UTC-5(-4DT) N43°15.25' W73°28.26'**NEW YORK**

330 S4 NOTAM FILE BTV

RWY 03-21: 2400X87 (TURF)**RWY 03:** Trees.**RWY 21:** Trees.

AIRPORT REMARKS: Attended 1130Z±-dusk. Arpt may be CLOSED wet weather call 518-638-9723. Ultralghts on and invof arpt. Hot air balloons occasionally opr from arpt. Aerobatics box E of Rwy 03. Rwy 03-21 width varies from 87'-100'.

COMMUNICATIONS: CTAF 122.9**AVON** N43°00.60' W77°46.16' NOTAM FILE ROC.**DETROIT****NDB (MHW)** 344 AVN 042° 7.8 NM to Greater Rochester Intl.

L-31E, 32F

BABYLON N40°40.35' W73°23.06' NOTAM FILE FRG.**NEW YORK****NDB (HW)** 275 BBN 353° 3.6 NM to Republic. NDB unusable byd 15 NM.**COPTER**

L-33B, 34H

BATAVIA**GENESEE CO** (GVQ) 2 N UTC-5(-4DT) N43°01.90' W78°10.18'

DETROIT

913 B S4 FUEL 100LL, JET A1 + OX 1 TPA-1913(1000) NOTAM FILE GVQ H-10H, 11B, L-31E, 32F

IAP

RWY 10-28: H5500X100 (ASPH) S-21, D-33 HIRL

RWY 10: REIL. PAPI(P2L). Fence.

RWY 28: MALSR. REIL. PAPI(P2L)—GA 3.0° TCH 43'.

AIRPORT REMARKS: Attended Apr-Sep 1300-0100Z†, Oct-Mar

1230-0130Z†. Rwy 28 MALSR OTS indef. Rwy 28 REIL OTS indef.

ACTIVATE HIRL Rwy 10-28, PAPI Rwy 10 and Rwy 28, REIL Rwy 10

and Rwy 28, and MALSR Rwy 28—CTAF.

WEATHER DATA SOURCES: AWOS-3 127.525 (716) 343-6369.**COMMUNICATIONS:** CTAF/UNICOM 122.7

① ROCHESTER APP/DEP CON 123.7 CLNC DEL 121.8

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

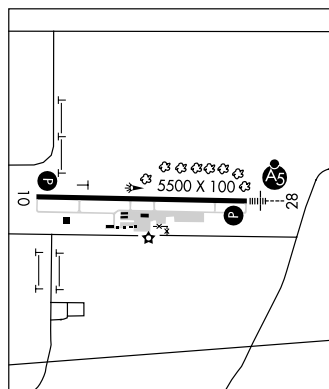
GENESEE (L) VOR/DME 108.2 GEE Chan 19 N42°50.06'

W77°43.97' 311° 22.6 NM to fld. 990/09W.

ILS 108.9 I-GVQ Rwy 28.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services

1-888-766-8267.

**BAYPORT AERODROME** (23N) 1 NW UTC-5(-4DT) N40°45.51' W73°03.22'

NEW YORK

41 TPA-641(600) NOTAM FILE ISP

COPTER

RWY 18-36: 2740X150 (TURF)

RWY 18: Trees. Rgt tfc.

RWY 36: APAP(PNIR)—GA 5.0° TCH 20'. Thld dspld 550'. Trees.

AIRPORT REMARKS: Attended 1300Z†-dusk. Arpt CLOSED 30 minutes after SS-30 minutes before SR. Rwy 18-36

east 75' CLOSED Oct-Apr, west 75' CLOSED May-Sep. No closed tfc pattern or touch and go landings. All tfc

enter 45° left base for Rwy 36 at 600 ft MSL due to heavy jet tfc Rwy 33L at ISP. All tfc enter 45° rgt downwind

for Rwy 18 over lakes at 600 ft MSL due to heavy jet tfc Idg Rwy 33L at ISP. Rwy 36 dspld thld marked with one

ft wide apron and 2 ft wide thld (white) both made with conc blocks flush with turf surface. Phone at arpt 631-472-4747.

COMMUNICATIONS: CTAF/UNICOM 122.7**BECKS GROVE** (See ROME)**BINGHAMTON** N42°09.45' W76°08.19' NOTAM FILE BUF.

NEW YORK

(L) VORTAC 112.2 CFB Chan 59 076° 7.6 NM to Greater Binghamton/Edwin A Link Fld. 1583/10W.

L-30J, 32F

BINGHAMTON**GREATER BINGHAMTON/EDWIN A LINK FLD** (BGM) 7 N UTC-5(-4DT)

NEW YORK

N42°12.51' W75°58.78'

H-10H, 11C, 12J, L-30J, 32F, 33A

1636 B S2 FUEL 100LL, JET A OX 3, 4 TPA-2436(800)

Class I, ARFF Index B

IAP, AD

NOTAM FILE BGM

RWY 16-34: H7100X150 (ASPH-GRVD) S-98, D-125, ST-159,
DT-187 HIRL 0.9% up NWRWY 16: MALSR. PAPI(P2L)-GA 3.0°TCH 52'. Thld dsplcd 400'.
Antenna.

RWY 34: MALSR. PAPI(P2L)-GA 3.0°TCH 44'.

RWY 10-28: H5001X150 (ASPH-GRVD) S-98, D-125, ST-159,
DT-187 MIRL 0.4% up W

RWY 10: VASI(V4L)-GA 3.0°TCH 55' (Unmonitored).

RWY 28: REIL. VASI(V4L)-GA 3.0°TCH 45'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-7100 TODA-7100 ASDA-7100 LDA-6699

RWY 34: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 10: TORA-5002 TODA-5002 ASDA-5002 LDA-5002

RWY 28: TORA-5002 TODA-5002 ASDA-5002 LDA-5002

ARRESTING GEAR/SYSTEM

RWY 16: EMAS 315'X161'

RWY 34: EMAS 311'X161'

AIRPORT REMARKS: Attended continuously. Lgtd structure 118 ft AGL

2000 ft south of apch end Rwy 10. Bird activity on and in vicinity of arpt. PPR 12 hours for unscheduled air carrier ops with more than 9 passenger seats 0400-1100Z† call arpt manager 607-763-4474. ARFF available 1015-0545Z† and/or until 15 minutes after the last scheduled air carrier or commuter. Tower unable to see hard surface W of maintenance building. FBO services available Sun-Sat 0930-0300Z†. For after hrs services ctc 607-727-5975/481-0726/727-9621. PAPI Rwy 16 and Rwy 34 OTS indef. When twr clsd ACTIVATE HIRL Rwy 16-34, MIRL Rwy 10-28, MALSR Rwy 16 and Rwy 34 and twy lgts-CTAF. Ldg fee for multi-engine and turbine acft over 4000 pounds. U.S. Customs user fee arpt.

WEATHER DATA SOURCES: ASOS (607) 729-8335.**COMMUNICATIONS:** CTAF 119.3 ATIS 128.15 UNICOM 122.95

BINGHAMTON RCO 122.1R 112.2T (BUFFALO RADIO)

Ⓡ BINGHAMTON APP/DEP CON 118.6 (surface-5000') 127.55 (6000'-8000') (1100-0500Z†)

Ⓡ NEW YORK CENTER APP/DEP CON 132.175 (0500-1100Z†)

BINGHAMTON TOWER 119.3 (1100-0500Z†) GND CON 121.9 CLNC DEL 125.05

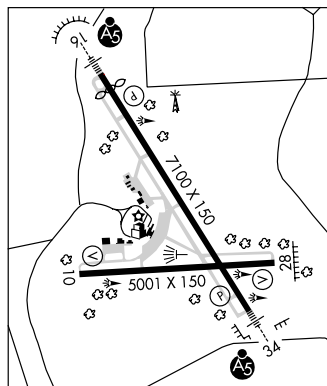
AIRSPACE: CLASS D svc 1100-0500Z† other times CLASS E. TRSA svc ctc APP CON.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.

BINGHAMTON (L) VORTAC 112.2 CFB Chan 59 N42°09.45' W76°08.19' 076° 7.6 NM to fld. 1583/10W.

SMITE NDB (LOM) 332 BG N42°06.28' W75°53.47' 340° 7.4 NM to fld.

ILS 110.3 I-BGM Rwy 34. Class IA. LOM SMITE NDB. ILS unmonitored when twr clsd.

ILS 110.3 I-AAJ Rwy 16. ILS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: When BGM twr clsd, clnc del thru Flight Services on CFB VOR 122.1R/112.2T and 1-888-766-8267.**BREIT** N43°07.59' W77°33.24' NOTAM FILE ROC.

NDB (LOM) 400 RO 275° 5.2 NM to Greater Rochester Intl

BRIDGE N40°34.09' W73°52.98' NOTAM FILE ISP.

NDB (MHW) 414 OGY 060° 6.5 NM to John F. Kennedy.

Unusable 011°-055° byd 15 NM; 300°-010° byd 7 NM.

NEW YORK

COPTER

L-34H

BRIEL N44°28.61' W74°07.45' NOTAM FILE SLK.

NDB (LOM) 395 SL 227° 6.5 NM to Adirondack Rgnl.

MONTREAL

L-326

BROCKPORT**LEDGEDALE AIRPARK** (7G0) 3 SE UTC-5(-4DT) N43°10.87' W77°54.93'DETROIT
L-31E, 32F
IAP

665 B S4 FUEL 100LL, JET A NOTAM FILE BUF

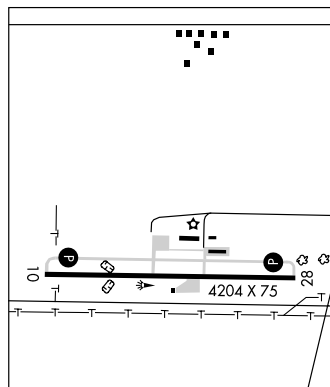
RWY 10-28: H4204X75 (ASPH) S-12 MIRL

RWY 10: REIL. PAPI(P2L)—GA 4.0° TCH 36'. Tree.

RWY 28: REIL. PAPI(P2R)—GA 4.0° TCH 20'. Tree.

AIRPORT REMARKS: Attended 1500-2100Z†. For attendance other hrs
Mon-Fri 585-637-5050. Deer on and invof arpt. ACTIVATE MIRL
Rwy 10-28; REIL and PAPI Rwy 10 and PAPI Rwy 28-123.0.**COMMUNICATIONS:** CTAF/UNICOM 122.7

® ROCHESTER APP/DEP CON 123.7

RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08'
W77°40.37' 302° 11.3 NM to fld. 549/12W.**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services
1-888-766-8267.**BROOKHAVEN** (See SHIRLEY)**BUFFALO****BUFFALO AIRFIELD** (9G0) 6 SE UTC-5(-4DT) N42°51.72' W78°43.00'DETROIT
L-301, 31E
IAP

670 B S4 FUEL 100LL TPA-1500 (830) NOTAM FILE BUF

RWY 06-24: H2668X59 (ASPH) S-8 MIRL 0.3% up NE.

RWY 06: Brush. RWY 24: Fence.

AIRPORT REMARKS: Attended daylight hours. Deer on and invof arpt. 24 hrs self fuel with credit card. Rwy 06 218'
safety area; Rwy 24 76' safe area. ACTIVATE MIRL Rwy 06-24—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.975

® BUFFALO APP DEP/CON 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(H) VOR/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 226° 5.1 NM to fld. 730/08W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

BUFFALO NIAGARA INTL (BUF) 5 E UTC-5(-4DT) N42°56.43' W78°43.93'

DETROIT

728 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index D

H-10H, 11B, L-31E

NOTAM FILE BUF

IAP, AD

RWY 05-23: H8827X150 (ASPH-GRVD) S-75, D-195, ST-175, DT-450 HIRL CL

RWY 05: MALSR. TDZL. Thld dsplcd 535'. Bldg. 0.9% up.

RWY 23: ALSF2. TDZL. Thld dsplcd 725'. Tree.

RWY 14-32: H7161X150 (ASPH-GRVD) S-75, D-150, ST-127, DT-240 PCN 47 F/A/X/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 320'. Tree.

RWY 32: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 54'. Thld dsplcd 720'. Sign.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-8827 TODA-8827 ASDA-8292 LDA-7757

RWY 23: TORA-8827 TODA-8827 ASDA-8292 LDA-7567

RWY 14: TORA-7161 TODA-7161 ASDA-6441 LDA-6121

RWY 32: TORA-7161 TODA-7161 ASDA-6841 LDA-6121

AIRPORT REMARKS: Attended continuously. Heavy concentration of gulls, blackbirds, and starlings up to 5000 ft on and in/ov arpt. Deer on and in/ov arpt. Twy K1 clsd 0200-1100Z† daily. Twy A SW runup area/holding bay marked design group 3 acft (generally B727 or smaller), unavbl design group 4 (includes but not limited to B757, DC8). For fixed-base operator svcs ctc 131.75; for cargo svcs ctc 122.95. Rwy 23 ALSF2 unmonitored. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (716) 635-0532. WSP.**COMMUNICATIONS:** D-ATIS 135.35

RCO 122.6 122.2 122.1R (BUFFALO RADIO)

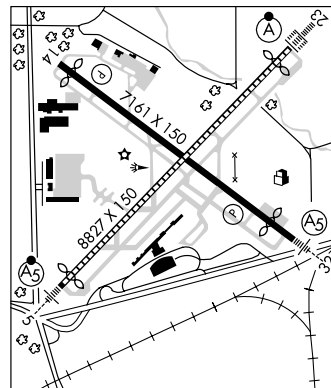
④ **APP DEP/CON** 126.15 (053°-233°) 126.5 (234°-052°)**TOWER** 120.5 **GND CON** 133.2 **CLNC DEL** 124.7 **PRE-TAXI CLNC** 124.7**AIRSPACE:** CLASS C svc continuous, ctc **APP CON****RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.(H) **VOR/DME** 116.4 BUF Chan 111 N42°55.74' W78°38.78' 288° 3.8 NM to fld. 730/08W.

VOR/DME unusable:

036°-261° blo 11,000'

276°-305° blo 6000'

262°-275° blo 2300'

KLUMP NDB (LOM) 231 BU N43°00.01' W78°39.05' 234° 5.1 NM to fld.**PLAZZ NDB (LOM)** 204 GB N42°52.43' W78°48.99' 052° 5.5 NM to fld.**ILS** 111.3 I-BUF Rwy 23. Class IE. LOM KLUMP NDB. Glideslope unusable byd 5° rgt of course.**ILS** 108.5 I-GBI Rwy 05. Class IT. LOM PLAZZ NDB.**ILS/DME** 109.95 I-BNQ Chan 36(Y) Rwy 32.**CLARENCE AERODROME** (D51) 5 NE UTC-5(-4DT) N43°04.00' W78°40.99'

DETROIT

589 NOTAM FILE BUF

RWY 10-28: 2500X67 (TURF) LIRL

RWY 10: Pole. RWY 28: Trees.

AIRPORT REMARKS: Unattended. Ultralights on and in/ov arpt. Rwy 10-28 outlined with cones. ACTIVATE LIRL Rwy 10-28-122.7.**COMMUNICATIONS:** CTAF/UNICOM 122.7**BUFFALO-LANCASTER RGNL** (See LANCASTER)**BURRELLO-MECHANICVILLE** (See MECHANICVILLE)**CALVERTON** N40°55.78' W72°47.93' NOTAM FILE ISP.

NEW YORK

(L) **VOR/DME** 117.2 CCC Chan 119 219° 7.2 NM to Brookhaven. 86/13W.

COPTER

VOR portion unusable 280°-290° byd 25 NM.

H-10I, L-33B, 34I

CAMBRIDGE N42°59.66' W73°20.64' NOTAM FILE BTV.

NEW YORK

(L) **VOR/DME** 115.0 CAM Chan 97 159° 7.5 NM to Bennington State, Vt. 1490/14W.

H-11C, 12I, L-32G, 34I

HIWAS.

DME unusable 050°-130° beyond 20 NM below 9000'.

CAMBRIDGE**CHAPIN FLD** (1B8) 2 N UTC-5(-4DT) N43°03.00' W73°21.97'

NEW YORK

508 S2 NOTAM FILE BTW

RWY 05-23: 2130X65 (TURF)

RWY 05: Crops. RWY 23: Trees.

RWY 07-25: 2100X63 (TURF)

RWY 07: REIL. Thld dsplcd 222'. Railroad.

RWY 25: Thld dsplcd 306'. Road.

AIRPORT REMARKS: Unattended. Rwy 05-23 width varies from 65'-80' based on mowing. Rwy 05-23 and Rwy 07-25 soft and wet Mar-Jun. Lgtd 5' fence at Rwy 25 end. Rwy 07 and Rwy 25 dsplcd thld marked with striped cylinders.

COMMUNICATIONS: CTAF 122.9**CAMILLUS** (NY2) 4N UTC-5(-4DT) N43°05.12' W76°17.56'

NEW YORK

405 B NOTAM FILE BUF

RWY 10-28: H3970X60 (ASPH) LIRL(NSTD)

RWY 10: Trees. RWY 28: Building.

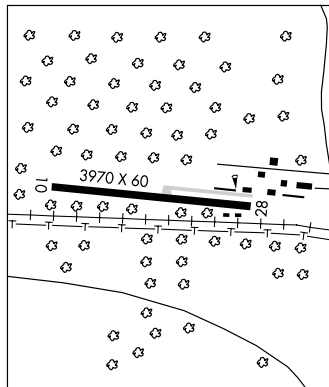
AIRPORT REMARKS: Unattended. Rwy 10-28 terrain drops off 3' to 4' along both sides of rwy on W end. Helipad located just northeast of Rwy 28 thld. Rwy 10-28 NSTD LIRL due to location. ACTIVATE rotating bcn—CTAF. ACTIVATE NSTD LIRL Rwy 10-28—CTAF.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE SYR.

SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63'

W76°12.27' 232° 5.9 NM to fld. 420/11W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services
1-888-766-8267.

**CANANDAIGUA****CANANDAIGUA** (D38) 3 NW UTC-5(-4DT) N42°54.43' W77°19.30'

DETROIT

814 B S4 FUEL 100LL NOTAM FILE BUF

L-31E, 32F

RWY 13-31: H3200X75 (ASPH) MIRL 0.4% up SE

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Brush.

RWY 31: REIL. PAPI(P2R)—GA 3.0° TCH 20'.

AIRPORT REMARKS: Attended irregularly. For services call 716-394-8651. For arpt conditions call 585-394-8651. ACTIVATE PAPI Rwy 13 and Rwy 31, and MIRL Rwy 13-31—CTAF.

REILS ACTIVATED only when rwy lgts are on high intensity.

WEATHER DATA SOURCES: AWOS-3 118.675 (585) 396-5861.**COMMUNICATIONS:** CTAF/UNICOM 122.8

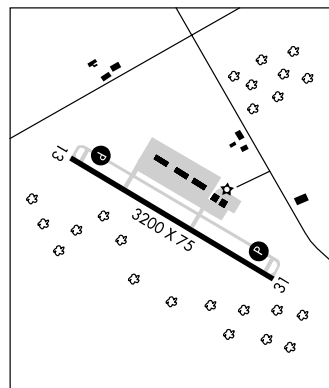
® ROCHESTER APP/DEP CON 119.55

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESE0 (L) VOR/DME 108.2 GEE Chan 19 N42°50.06' W

77°43.97' 085° 18.7 NM to fld. 990/9W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services
1-888-766-8267.



HOPEWELL AIRPARK (D43) 3 NE UTC-5(-4DT) N42°55.17' W77°14.57'

DETROIT

730 S2 TPA-2230(1500) NOTAM FILE BUF

RWY 01-19: 1495X65 (TURF)

RWY 01: Bush.

RWY 19: Trees.

RWY 07-25: 1425X80 (TURF) LIRL (NSTD)

RWY 07: Trees.

RWY 25: Road.

AIRPORT REMARKS: Attended irregularly. Rwy 07-25 NSTD LIRL lgtd painted white cones. For LIRL Rwy 07-25 PPR two hrs in advance call 585-554-6112. Rwy 07-25 farm equipment crossing clear zone.

COMMUNICATIONS: CTAF 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

CANARSIE N40°36.75' W73°53.67' NOTAM FILE JFK.

NEW YORK

(T) VORW/DME 112.3 CRI Chan 70 041° 1.7 NM to lead-in lgt Rwy 13L,

COPTER

13R John F. Kennedy Intl. 10/11W.

L-33B, 34I

VOR/DME unusable 320°-005° blo 2500'.

CARMEL N41°16.80' W73°34.88' NOTAM FILE ISP.

NEW YORK

(L) VORW/DME 116.6 CMK Chan 113 050° 6.7 NM to Danbury Muni. 690/12W.

COPTER

VOR unusable 113°-141°

H-10I, L-33B, 34I

CATTARAUGUS COUNTY-OLEAN (See OLEAN)

CHAPIN FLD (See CAMBRIDGE)

CHAUTAUQUA CO/DUNKIRK (See DUNKIRK)

CHAUTAUQUA CO/JAMESTOWN (See JAMESTOWN)

CHITTENANGO
LUTHER (1D5) 1 E UTC-5(-4DT) N43°01.75' W75°50.73'

NEW YORK

740 NOTAM FILE BUF

RWY 09-27: 1700X80 (TURF)

RWY 09: P-line.

RWY 27: Brush.

RWY 17-35: 1060X90 (TURF)

RWY 17: Tree.

RWY 35: Tree.

AIRPORT REMARKS: Unattended. First 50 ft of Rwy 35 drops off approximately 8 ft. Rwy not always plowed for winter ops; call 315-687-9072 for conditions. Rwy 17-35-crosswind rwy not mowed. Rwy 9-27 mowed clear area 100'X100' before each rwy beginning. Rwy 09 numbers barely visible in grass. Rwy 27 numbers barely visible in grass. Rwy 09 utility poles/lines cross rwy at angle-is 315' from thld at centerline.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

CLARENCE AERODROME (See BUFFALO)

CLAY

AIRLINE ENTERPRISES (1H1) 1 N UTC-5(-4DT) N43°12.30' W76°10.73'

NEW YORK

385 NOTAM FILE BUF

RWY 01-19: 2220X75 (TURF)

RWY 01: Trees. RWY 19: Trees.

RWY 10-28: 1550X97 (TURF)

RWY 10: Trees. RWY 28: Trees.

AIRPORT REMARKS: Attended daylight hours. Deer on and invof arpt. Ski operations in winters. Para plane activity—evenings and weekends. Rwy 01-19 width varies 75' to 90'. Rwy 10-28 width varies 97' to 136'. Rwy 10-28 edges marked with barrels. Rwy 01-19 edges marked with barrels.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

COLUMBIA CO (See HUDSON)

COOPERSTOWN-WESTVILLE (K23) 4 SE UTC-5(-4DT) N42°37.75' W74°53.46'

NEW YORK

1260 S4 FUEL 100LL TPA-2065(805) NOTAM FILE BUF

RWY 02-20: 2337X125 (TURF) MIRL(NSTD)

RWY 02: TRCV (TRIL). Brush. Rgt tfc. RWY 20: TRCV (TRIL). Tree.

AIRPORT REMARKS: Attended May-Nov 1300-0100Z, Dec-Apr 1300-2100Z. For other hours call ahead 607-286-9013. 87 octane also avbl. Self service fueling avbl. Rwy 02-20 NSTD MIRL spacing, 2 thld lgts each side. Rwy edge denoted by white tires around edge lgts. ACTIVATE MIRL Rwy 02-20—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

CORNING-PAINTED POST (7N1) 2 NW UTC-5(-4DT) N42°10.78' W77°07.24'

DETROIT

962 B S3 FUEL 100LL NOTAM FILE BUF

L-30J, 32F

RWY 14-32: H3270X75 (ASPH) S-30 MIRL

RWY 14: REIL. Tree. Rgt tfc. RWY 32: REIL. Tree.

AIRPORT REMARKS: Attended daylight hrs. ACTIVATE rotating bcn, MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE ELM.

ELMIRA (L) VOR/DME 109.65 ULW Chan 33(Y) N42°05.65' W77°01.49' 332° 6.7 NM to fld. 1620/12W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

CORTLAND CO—CHASE FLD (N03) 2 SW UTC-5(-4DT) N42°35.56' W76°12.89'

NEW YORK

1198 B S4 FUEL 100LL, MOGAS NOTAM FILE N03

L-32F

RWY 06-24: H3400X75 (ASPH) S-12 MIRL 1.0% up SW

IAP

RWY 06: PAPI(P2L)—GA 4.0° TCH 40'. Tree.

RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 45'. Trees.

AIRPORT REMARKS: Attended 1300Z-dusk. Heavy concentration of geese and gulls on and invof arpt. Self svc fuel avbl 24 hrs with credit card. Unattended Thanksgiving and Xmas. ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy24, and twy lgts—CTAF. Snow removal during day only.

WEATHER DATA SOURCES: AWOS-3 132.225 (607) 753-9784.**COMMUNICATIONS:** CTAF/UNICOM 122.8

GEORGETOWN RCO 122.1R 117.8T (BUFFALO RADIO)

BINGHAMTON APP CON 118.6 (S-SE) (1100-0500Z)

ELMIRA APP CON 124.3 (W) (1100-0500Z)

SYRACUSE APP CON 126.125 (N-NE)

NEW YORK CENTER APP CON 133.35 (0500-1100Z)

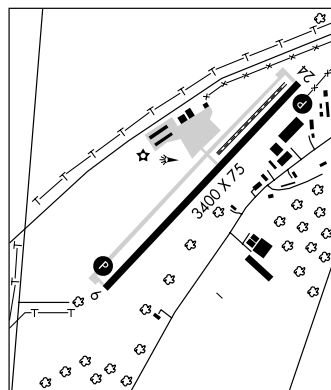
SYRACUSE DEP CON 126.125

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

ITHACA (L) VOR/DME 111.8 ITH Chan 55 N42°29.70'

W76°27.60' 072° 12.3 NM to fld. 1102/10W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



CREEKSIDE (See HOLCOMB)

DANSVILLE MUNI (DSV) 1 NW UTC-5(-4DT) N42°34.25' W77°42.78'**DETROIT**

662 B S4 FUEL 100LL NOTAM FILE DSV

L-301, 31E, 32F

RWY 14-32: H3500X100 (ASPH) S-30 MIRL 0.7% up SE

IAP

RWY 14: VASI(V2L)—GA 3.0° TCH 53'. Road.

RWY 32: VASI(V4L)—GA 4.0° TCH 53'. Road.

RWY 18-36: H2443X100 (ASPH) S-30 MIRL 0.9% up S

RWY 18: Thld dsplcd 165'. Tree.

RWY 36: Tree.

AIRPORT REMARKS: Attended 1300Z±-dark. Extensive glider activity.

Normal glider ops utilize rgt-hand pattern for the turf area to the rgt of Rwy 32; left hand pattern for the turf area to the left of Rwy

14. ACTIVATE MIRL Rwy 14-32 and 18-36 and VASI Rwy 14 and 32-123.0.

WEATHER DATA SOURCES: ASOS 118.325 (585) 335-2380.**COMMUNICATIONS:** CTAF/UNICOM 123.0

® ROCHESTER APP/DEP CON 123.7

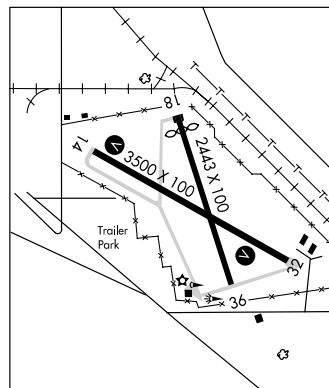
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06'

W77°43.97' 186° 15.6 NM to fld. 990/09W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services

1-888-766-8267.

**DART** (See MAYVILLE)**DEER PARK** N40°47.51' W73°18.22' NOTAM FILE ISP.**NEW YORK**

(L) VORW/DME 117.7 DPK Chan 124 245° 6.3 NM to Republic. 117/12W.

COPTER

VOR/DME unusable byd 25 NM blo 5000'

H-101, L-33B, 34H

DME unusable 265°-274° byd 17 NM blo 5000'

275°-280°

281°-015° byd 17 NM blo 5000'

DEGRASSE**MOORES** (1E8) 3 N UTC-5(-4DT) N44°23.25' W75°03.98'**MONTREAL**

814 NOTAM FILE BTV

RWY 02-20: 2200X55 (TURF)

RWY 02: Trees.

RWY 20: Trees

AIRPORT REMARKS: Unattended. Deer on and in vicinity of arpt. Rwy 20 52' trees 263' from thld crosses rwy width.

Rwy 02 ditch outlets located 31' from thld marked by cones. Rwy 20 starts at approximately 250' from trees on rwy end.

COMMUNICATIONS: CTAF 122.9**DE LANCEY** N42°10.70' W74°57.42' NOTAM FILE BUF.**NEW YORK**

(L) VORW/DME 112.1 DNY Chan 58 301° 21.8 NM to Sidney Muni. 2560/11W.

H-11C, 12H, L-33A

HIWAS. HIWAS OTS indef.

DOLGEVILLE (1F6) 1 NE UTC-5(-4DT) N43°07.00' W74°44.98'**NEW YORK**

945 NOTAM FILE BUF

RWY 11-29: 1360X100 (TURF)

RWY 11: Road.

RWY 29: Trees.

AIRPORT REMARKS: Unattended. There is no definite edge for Rwy 11 which is part of a playing fld. Athletics may be going on from Jun to Nov. Radio control airplanes invov rwy throughout the year. Rwy 11-29 soft and wet during spring.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**DRUM** N44°04.11' W75°44.16' NOTAM FILE GTB.**NEW YORK**

NDB (MHW) 257 GTB 150° 1.1 NM to Wheeler Sack AAF.

L-32F

DUANESBURG (4B1) 0 S UTC-5(-4DT) N42°45.50' W74°07.97'

NEW YORK

710 TPA-1510(800) NOTAM FILE BTV

RWY 10-28: H2600X45 (ASPH)

RWY 10: Trees.

RWY 28: Trees.

AIRPORT REMARKS: Attended daylight hours. Parachute jumping. Rwy 10-28 loose and broken asph and may have loose material, check with arpt management for current condition at 518-895-4184. Rwy 10 safety area has -20' slope 25' from thld.

COMMUNICATIONS: CTAF/UNICOM 123.0

DUNKIRK N42°29.43' W79°16.45' NOTAM FILE BUF

DETROIT

(H) **VORTAC** 116.2 DKK Chan 109 at Chautauqua Co Dunkirk. 680/07W.

H-10H, L-30H

VOR portion unusable 120°-180° byd 22 NM blo 4000'.

DME portion unusable:

100°-169° byd 17 NM blo 4700'

191°-205° byd 17 NM blo 5500'

170°-190° byd 17 NM blo 7500'

206°-235° byd 17 NM blo 4500'

DUNKIRK

CHAUTAUQUA CO/DUNKIRK (DKK) 3 E UTC-5(-4DT) N42°29.60' W79°16.32'

DETROIT

693 B S4 FUEL 100LL, JET A NOTAM FILE DKK

H-10H, L-30H

RWY 06-24: H5000X100 (ASPH) S-25 MIRL

IAP

RWY 06: REIL. PAPI(P4L)-GA 3.0°. Trees.

RWY 24: REIL. PAPI(P2L)-GA 3.0°. TCH 44'.

RWY 15-33: H4000X100 (ASPH) S-25 MIRL 0.8% up SE

RWY 15: PAPI(P4L)-GA 3.0°. TCH 36'. Road.

RWY 33: PAPI(P4L)-GA 3.1°. TCH 45'. Tree.

AIRPORT REMARKS: Attended 1300Z±-dusk. Deer and birds invof arpt. Ngd snow plowing not avbl. PPR for services after hrs, call arpt manager 716-484-0204. ACTIVATE MIRL Rwy 06-24 and Rwy 15-33, and PAPI Rwy 06, Rwy 24, Rwy 15 and Rwy 33, and REIL Rwy 06 and Rwy 24-CTAF. Rwy 24 VASI out of svc indefinitely.

WEATHER DATA SOURCES: ASOS 119.275 (716) 366-7664.

COMMUNICATIONS: CTAF/UNICOM 123.075

RCO 122.1R 116.2T (BUFFALO RADIO)

® **BUFFALO APP/DEP CON** 126.5

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

DUNKIRK (H) VORTAC 116.2 DKK Chan 109 N42°29.43' W79°16.45' at fld. 680/07W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services on DKK VOR 122.1R, 116.2T and 1-888-766-8267.

DUTCHESS CO (See POUGHKEEPSIE)

EAST 34TH STREET HELIPORT (See NEW YORK)

EAST HAMPTON (HTO) 3 W UTC-5(-4DT) N40°57.58' W72°15.11'

NEW YORK
COPTER
L-33C, 341
IAP

55 B S4 FUEL 100LL, JET A NOTAM FILE HTO
RWY 10-28: H4255X100 (ASPH) S-60 MIRL 0.6% up W

RWY 10: REIL. PAPI (P2L)-GA 3.0° TCH 55'. Trees.

RWY 28: REIL. PAPI (P2R)-GA 3.0°. Pole.

RWY 04-22: H2507X100 (ASPH) S-8

RWY 22: Thld dsplcd 380'. Trees.

RWY 16-34: H2223X75 (ASPH) S-8 0.6% up NW

RWY 16: Thld dsplcd 57'. Road.

RWY 34: Thld dsplcd 106'. Road.

AIRPORT REMARKS: Attended 1300Z±-SS. Rwy 04-22 CLOSED indef.

Deer on and invof arpt. Rwy 16-34 cracked with vegetation growing through, standing water. Rwy 04-22 cracked with vegetation growing through. Rwy 04-22 CLOSED indef exc for taxiing. Noise abatement procedures in effect ctc arpt management for details at 631-537-1130. ACTIVATE MIRL Rwy 10-28, PAPI Rwy 10, PAPI Rwy 28, REIL Rwy 10, REIL Rwy 28-CTAF. Pilot-controlled lgt unavbl dalgt hrs. Ldg fee for all transient acft to include touch and go ops.

WEATHER DATA SOURCES: HIWAS 113.6 HTO.

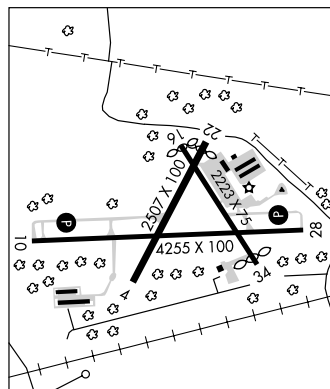
COMMUNICATIONS: CTAF/UNICOM 122.7

HAMPTON RCO 122.6 122.1R 113.6T (NEW YORK RADIO)

Ⓡ NEW YORK APP/DEP CON 125.975 CLNC DEL 118.95

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40°55.14' W72°19.00' 063° 3.8 NM to fld. 22/13W. HIWAS.



EAST MORICHES

LUFKER (49N) 1 NE UTC-5(-4DT) N40°49.49' W72°45.06'

NEW YORK
COPTER

57 NOTAM FILE ISP

RWY N-S: 2300X100 (TURF)

RWY N: Tree. RWY S: Road. Rgt tfc.

AIRPORT REMARKS: Attended dalgt hrs. Banner towing ops May-Oct. Glider and ultralights ops dalgt hrs May-Oct.

Spadaro arpt tfc pat 590' east. Ldg fee. Rwy N-S south end of rwy marked with boards.

COMMUNICATIONS: CTAF 122.9

SPADARO (1N2) 1 NE UTC-5(-4DT) N40°49.67' W72°44.92'

NEW YORK
COPTER

50 S4 NOTAM FILE ISP

RWY 18-36: H2400X25 (ASPH) S-12.5E

RWY 18: Brush. RWY 36: Thld displaced 485'. P-line. Rgt tfc.

AIRPORT REMARKS: Attended May-Oct dalgt hours. Parachute Jumping. Ultralghts on and invof arpt. PAEW 75' east of Rwy 18. Due to close proximity of LUFKER arpt (590 ft between rwys) adhere to the following tfc pattern. North ops: SPADARO-Rgt tfc, LUFKER-Left tfc. South ops: SPADARO-Left tfc, LUFKER-Rgt tfc. Arrivals: Intercept final apch 45° to final apch leg 1500 ft from apch end of rwy. Departures: Make 45° turn ASAP after tcf to intercept crosswind leg. Use south ops for ldg when winds are 5 knots or less; or when winds are more than 5 knots 90° either side of centerline. Use north ops for tcf with no wind; heavy gross weight and for noise abatement. Rwy 18-36 marked with orange gray striped cones 2' high.

COMMUNICATIONS: CTAF/UNICOM 123.0

EDINBURG

PLATEAU SKY RANCH (1F2) 1 NW UTC-5(-4DT) N43°13.50' W74°06.89'

NEW YORK

1070 NOTAM FILE BTW

RWY 06-24: 2400X100 (TURF)

RWY 06: Road. RWY 24: Trees.

RWY 01-19: 2000X100 (TURF)

RWY 01: Road. RWY 19: Road.

AIRPORT REMARKS: Unattended. Ultralgt acft on and invof arpt. Trap and skeet shooting between Rwy 01 and 06. Rwy 01-19 edges marked with red cones all seasons exc winter. Rwy 06-24 edges marked with red cones all seasons exc winter. Acft parked/hangared on non-arpt land. Cross public road to/from arpt.

COMMUNICATIONS: CTAF/UNICOM 122.8

ELIZABETH FLD (See FISHERS ISLAND)

ELLENVILLE

JOSEPH Y RESNICK (N89) 01 NE UTC-5(-4DT) N41°43.67' W74°22.64'

NEW YORK

292 B FUEL 100LL NOTAM FILE ISP

L-33B, 34I

RWY 04-22: H3838X75 (ASPH) MIRL

RWY 04: REIL. PAPI(P2L). Trees.

RWY 22: REIL. PAPI(P2L). Thld dspcd 300'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-3838 TODA-3838 ASDA-3838 LDA-3538

RWY 22: TORA-3838 TODA-3838 ASDA-3838 LDA-3538

AIRPORT REMARKS: Attended 1300Z±-dusk. Rwy 04-22 PAEW Mon-Fri 1200-2200Z±. Deer on and invof arpt. Avoid overflight of hospital and school buildings approximately one mile SW of Rwy 22 and prison approximately ½ mile NE of arpt. Glider activity on and invof arpt. ACTIVATE MIRL Rwy 04-22—CTAF.

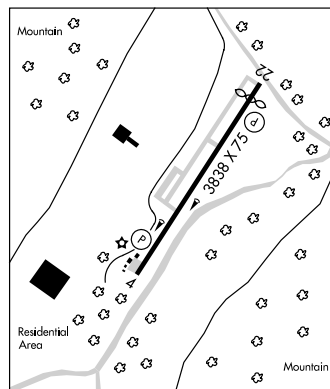
COMMUNICATIONS: CTAF/UNICOM 122.8

® NEW YORK APP/DEP CON 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'

W73°49.33' 291° 25.2 NM to fld. 580/12W. HIWAS.



ELMIRA/CORNING RGNL (ELM) 6 NW UTC-5(-4DT) N42°09.59' W76°53.50'

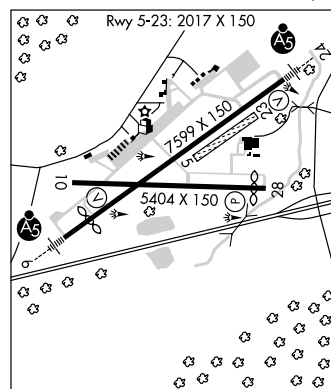
NEW YORK

954 B S4 FUEL 100LL, JET A OX 4 TPA-2099(1145) ARFF Index-See Remarks H-10H, 12I, L-30J, 32F
NOTAM FILE ELM IAP, AD**Rwy 06-24:** H7599X150 (ASPH-GRVD) S-80, D-121, ST-154, DT-200 HIRL**Rwy 06:** MALSR. VASI(V4L)—GA 3.0°TCH 51'. Thld dspcd 600'. Tree.**Rwy 24:** MALSR. VASI(V4L)—GA 3.0°TCH 52'. Tree.**Rwy 10-28:** H5404X150 (ASPH-GRVD) S-57, D-90, ST-114, DT-150 MIRL**Rwy 28:** PAPI(P4L)—GA 3.0° TCH 40'. Thld dspcd 400'.**Rwy 05-23:** 2017X150 (TURF)**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
Rwy 24	10-28	4750
Rwy 28	06-24	3050

RUNWAY DECLARED DISTANCE INFORMATION

Rwy 05: TORA-2017 TODA-2017 ASDA-2017 LDA-2017
Rwy 23: TORA-2017 TODA-2017 ASDA-2017 LDA-2017
Rwy 06: TORA-7599 TODA-7599 ASDA-7599 LDA-6999
Rwy 24: TORA-7599 TODA-7599 ASDA-7599 LDA-7599
Rwy 10: TORA-5404 TODA-5404 ASDA-5004 LDA-5004
Rwy 28: TORA-5404 TODA-5404 ASDA-5404 LDA-5004



AIRPORT REMARKS: Attended continuously. Extensive glider activity on and in/ov arpt. Birds and deer on and in/ov arpt. Blimp activity req PPR, ctc arpt manager at 607-426-5622. Class I, ARFF Index B. ARFF index C equipment coverage is avbl upon request ctc arpt management at 607-426-5622. Acft with wing spans greater than 93 ft should use extreme care when taxiing on Twy A adjacent to ramps. Rwy 05-23 (SE of Rwy 06-24) unmarked seasonal use TURF rwy CLOSED 1 Dec through 30 Apr. For land side access from apron when FBO clsd ctc ELM arpt attendant at 607-426-5621. Rwy 05-23 marked with asph L corner markers. Winter de-icing on Glycol Ramp only. When twr clsd ACTIVATE HIRL Rwy 06-24; MALSR Rwy 06 and Rwy 24; twy lgts Twy A and Twy C north of Rwy 06-24—CTAF, for MIRL Rwy 10-28 and all other twy lgts call 607-426-5621. Ldg fee for all non based acft.

WEATHER DATA SOURCES: ASOS (607) 796-0065.**COMMUNICATIONS:** CTAF 121.1 ATIS 125.475 UNICOM 122.95

RCO 122.4 122.2 (BUFFALO RADIO)

① ELMIRA APP/DEP CON 118.15 119.45 (1100-0500Z†)

① NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z†)

ELMIRA TOWER 121.1 (1100-0500Z†) GND CON 121.9 CLNC DEL 121.9

AIRSPACE: CLASS D svc 1100-0500Z† other times CLASS E. TRSA svc ctc APP CON (within 15 NM).**RADIO AIDS TO NAVIGATION:** NOTAM FILE ELM.

(L) VOR/DME 109.65 ULW Chan 33(Y) N42°05.65' W77°01.49' 068° 7.1 NM to fld. 1620/12W.

ALPINE NDB (MHW) 245 ALP N42°14.32' W76°45.84' 242° 7.4 NM to fld.

ILS 109.1 I-ELM Rwy 24. Class IE. ILS unmonitored when twr clsd.

ILS 109.1 I-UEK Rwy 06. Class IT. ILS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: When ELM twr clsd, cline del/cancellations avbl thru RCO 122.2/122.4 or call Buffalo AFSS 1-800-WX-BRIEF.

ENDICOTT

TRI-CITIES (CZG) 3 SW UTC-5(-4DT) N42°04.71' W76°05.78'

833 B **FUEL** 100LL, JET A, A1+ NOTAM FILE CZG

RWY 03-21: H3900X75 (ASPH) S-30 MIRL

RWY 03: REIL. Road.

RWY 21: REIL. PAPI(P2R)—GA 4.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-0200Z†, Sat-Sun 1300-0200Z†. High terrain all quadrants. PAEW AER 21. Rwy 21 safety area has surface variations/depressions. Grvl access road for glider area crosses Rwy 03 apch. Rotating bcn obscured N and W of arpt due to high terrain. Extensive glider activity. REIL Rwy 03 OTS indef. REIL Rwy 21 OTS indef. ACTIVATE MIRL Rwy 03-21 and REIL Rwy 21—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.075 (607) 785-2926.

COMMUNICATIONS: CTAF/UNICOM 122.8

® BINGHAMTON APP/DEP CON 118.6 (1100-0500Z†) CLNC DEL 121.7

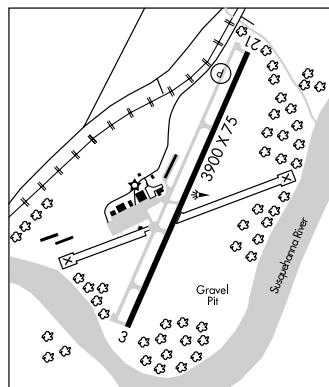
® NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BINGHAMTON (L) VORTAC 112.2 CFB. Chan 59 N42°09.45'

W76°08.19' 169° 5.1 NM to fld. 1583/10W.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services
1-888-766-8267.



NEW YORK

L-30J

IAP

EVERS SPB (See NEW YORK)

FALLN N43°17.25' W76°18.28'

NDB (LOM) 220 FZ 329° 5.3 NM to Oswego Co.

FARMINGDALE**REPUBLIC** (FRG) 1 E UTC-5(-4DT) N40°43.73' W73°24.81'

82 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks

LRA Class IV, ARFF Index A. NOTAM FILE FRG

RWY 14-32: H6827X150 (ASPH-GRVD) S-45, D-60 HIRL

RWY 14: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Thld displcd 660'. Pole.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Road. Rgt tfc.

RWY 01-19: H5516X150 (ASPH-GRVD) S-45, D-60 MIRL 0.3% up N

RWY 01: REIL. PAPI(P4R)—GA, 3.0° TCH 35'. Pole. Rgt tfc.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld displcd 789'. Building.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 32	01-19	3650'

AIRPORT REMARKS: Attended continuously. Birds invof arpt. Voluntary noise abatement procedures in effect for fixed wing and helicopter.

Ctc arpt management 631-752-7707 ext 6108. Rwy 01-19 hold lines located 125' from the rwy centerline. Acft with wingspan 79' or larger are advised to taxi or back-taxi on rwys. Twys may not

provide adequate width, turning radius, and or separation from obstructions. Acft with wingspan of 79' or larger are advised that

clearance distances may not be adequate for tkf on Rwy 01-19 when acft are on Twy B or Twy G between Twys G4 and D and are restricted on Twy A between Twys A1 and A2. Jet maintenance run ups permitted only in the Twy A6, Twy D, Twy F, and Twy G holding bays.

TPA-1182(1100) conventional, 1682(1600) Turbo. When twr clsd ACTIVATE HIRL Rwy 14-32; MIRL Rwy 01-19; MALSR Rwy 14; REILs Rwy 01, 19, and 32; PAPI Rwy 01, 19, 14, and 32; twy lgts—CTAF. Ldg fee

for all acft except military and government.

WEATHER DATA SOURCES: ASOS (631) 752-8129. LAWRS.**COMMUNICATIONS:** CTAF 118.8 ATIS 126.65 UNICOM 122.95

① NEW YORK APP CON 127.4 134.35 132.4 123.7 118.4 ② NEW YORK DEP CON 125.7 134.35 123.7

TOWER 118.8 125.2 (1200-0400Z) GND CON 121.6 CLNC DEL 128.25

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.

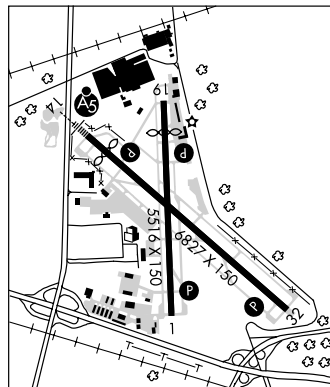
DEER PARK (L) VORW/DME 117.7 DPK Chan 124 N40°47.51' W73°18.22' 245° 6.3 NM to fld. 117/12W.

BABYLON NDB (HW) 275 BBN N40°40.35' W73°23.06' 353° 3.6 NM to fld. NDB unusable beyond 15 NM.

NOTAM FILE FRG.

FRIKK NDB (LOM) 407 FR N40°46.59' W73°28.95' 146° 4.3 NM to fld.

ILS 111.9 I-FRG Rwy 14. Class IE. LOM FRIKK NDB.



NEW YORK

COPTER

H-101, 12J, L-33B, 34H

IAP, AD

FINGER LAKES RGNL (See SENECA FALLS)

FISHERS ISLAND**ELIZABETH FLD** (ØB8) 8 SE UTC-5(-4DT) N41°15.08' W72°01.90'**NEW YORK**
L-33C, 34I
IAP

9 NOTAM FILE BDR

RWY 12-30: H2328X100 (ASPH) MIRL**RWY 12:** REIL. PAPI(P2L)—GA 3.0° TCH 21'.**RWY 30:** REIL. PAPI(P2R)—GA 3.0° TCH 20'. Rock seawall.**RWY 07-25:** H1792X75 (ASPH) MIRL**RWY 07:** REIL. PAPI(P2L)—GA 3.75° TCH 24'. Bunker.**RWY 25:** REIL. PAPI(P2L)—GA 3.0° TCH 20'. Hill.**AIRPORT REMARKS:** Attended May-Oct Sun 1500-0100Z†, Mon, Tues, Wed, Thu and Sat 1300-2130Z†, Fri 1300-0100Z†. Unattended Nov-Apr. Airport located 7.0 NM SE of New London CT. MIRL Rwy 07-25 OTS indef. Rwy 07 REIL OTS indef. Rwy 25 REIL OTS indef. Rwy 12 PAPI OTS indef. Rwy 30 PAPI OTS indef. ACTIVATE MIRL Rws 07-25 and 12-30; PAPI Rws 07 and 25 and 12 and 30—CTAF. Ldg fee.**COMMUNICATIONS:** CTAF/UNICOM 122.8

GROTON RCO 122.15R 110.85R (BRIGEPOR RADIO)

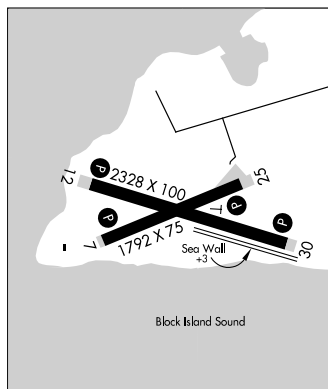
Ⓡ PROVIDENCE APP/DEP CON 125.75 (1045-0500Z†)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE GON.

GROTON (T) VOR/DME 110.85 GON Chan 45(Y) N41°19.82'

W72°03.12' 183° 4.8 NM to fld. 20/14 W.

**FLOYD BENNETT MEMORIAL** (See GLEN FALLS)**FORT DRUM** (See WHEELER SACK AAF)**FRANCIS S GABRESKI** (See WESTHAMPTON BEACH)**FRANKFORT-HIGHLAND** (See UTICA/FRANKFORT)**FREEHOLD** (1I5) 1 NW UTC-5(-4DT) N42°21.86' W74°03.96'**NEW YORK**

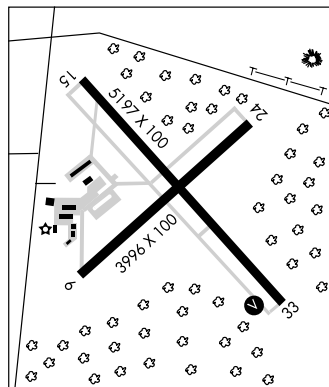
440 S2 NOTAM FILE BTW

RWY 12-30: H2275X22 (ASPH-AFSC)**RWY 12:** Tree. **RWY 30:** Trees.**AIRPORT REMARKS:** Attended Apr-Dec 1400Z†-dusk. Extensive glider activity, especially on weekends. PPR for ldg until 01 Apr snow on rwy. Rgt tfc for gliders Rwy 12 only. Rwy 12-30 100 ft by 2640 ft turf rwy adjacent to paved rwy (S edge) beginning at 735' from Rwy 30 thld.**COMMUNICATIONS:** CTAF 122.85**FRIKK** N40°46.59' W73°28.95' NOTAM FILE FRG.

NDB (LOM) 407 FR 146° 4.3 NM to Republic.

FULTON**OSWEGO CO** (FZY) 3 NE UTC-5(-4DT) N43°21.05' W76°23.28'475 B S4 **FUEL** 100LL, JET A NOTAM FILE BUF**RWY 15-33:** H5197X100 (ASPH-GRVD) S-30 MIRL (NSTD) 0.6% up SE**RWY 15:** REIL. Trees.**RWY 33:** REIL. VASI(V2L)—GA 3.25° TCH 42'. Fence.**RWY 06-24:** H3996X100 (ASPH-GRVD) S-30 MIRL 0.3% up NE**RWY 06:** Tree. **RWY 24:** Methane pipe.

AIRPORT REMARKS: Attended 1300-2200Z†. Rwy 06 ditches 15' wide 65' from centerline both sides in safety area 110' from thld. Rwy 15-33 NSTD MIRL; Rwy 33 no split lenses on last 2000' of rwy. ACTIVATE MIRL Rwy 06-24 and REILS Rwy 15-33—CTAF. MIRL Rwy 15-33 and VASI Rwy 33 preset low ints sunset-sunrise, to increase ints ACTIVATE—CTAF. No touch and go ldg or practice low apch 0300-1300Z† daily.

WEATHER DATA SOURCES: ASOS 119.275 (315) 598-8773.**COMMUNICATIONS:** CTAF/UNICOM 123.0① **SYRACUSE APP/DEP CON** 134.275**RADIO AIDS TO NAVIGATION:** NOTAM FILE SYR.**SYRACUSE (H) VORTACW** 117.0 SYR Chan 117 N43°09.63'W76°12.27' 336° 14 NM to fld. 415/11W. **HIWAS.****FALLN NDB (LOM)** 220 FZ N43°17.25' W76°18.28' 329° 5.3 NM to fld.**ILS/DME** 110.9 I-FZY Chan 46 Rwy 33. **LOM FALLN NDB.****COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

NEW YORK

H-11C, 12J, L-32F

IAP

FULTON CO (See JOHNSTOWN)**GALLUPVILLE****BLUE HERON** (N25) 3 NE UTC-5(-4DT) N42°41.84' W74°11.97'

1200 NOTAM FILE BTV

RWY 09-27: 2600X70 (TURF)**RWY 27:** Trees.**AIRPORT REMARKS:** Attended Apr-Oct.**COMMUNICATIONS:** CTAF 122.9

NEW YORK

GANSE N43°15.31' W73°36.35' NOTAM FILE GFL.**NDB (LOM)** 209 GF 013° 5.2 NM to Floyd Bennett Memorial.**GANSEVOORT****HEBER AIRPARK** (K3Ø) 2 SE UTC-5(-4DT) N43°11.00' W73°37.99'

230 NOTAM FILE BTV

RWY 06-24: H2200X24 (ASPH) MIRL (NSTD)**RWY 06:** Thld dsplcd 200'. Road. Rgt tfc. **RWY 24:** Trees.

AIRPORT REMARKS: Unattended. Birds and wildlife on and invof arpt. 25' dropoff 10' from Rwy 24 thld. Rwy 24 uphill grade exceeds 2%. Light colored full width concrete pavement section 144' from Rwy 24 thld, 20' long. Golf course adjacent to rwy both sides. ACTIVATE NSTD MIRL Rwy 06-24—CTAF. Rwy 06-24 NSTD MIRL due to spacing, 33' from rwy edge on 3' wood posts. Rwy 06-24 nstd dsplcd thld; no bar.

COMMUNICATIONS: CTAF 122.9

NEW YORK

GARNSEYS (See SCHUYLERVILLE)**GASPORT****ROYALTON** (9G5) 1 SE UTC-5(-4DT) N43°10.92' W78°33.47'628 **FUEL** 100, MOGAS NOTAM FILE BUF**RWY 07-25:** H2530X35 (ASPH) MIRL**RWY 07:** Pole. **RWY 25:** Thld dsplcd 300'. Tree.**AIRPORT REMARKS:** Attended 1400-2300Z†. Ultralghts on and invof arpt. ACTIVATE MIRL Rwy 07-25—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

DETROIT

GENESEE CO (See BATAVIA)

GENESEO N42°50.06' W77°43.97' NOTAM FILE BUF. **DETROIT**
 (L) **VOR/DME** 108.2 GEE Chan 19 018°17.6 NM to Greater Rochester Intl. **H-10H, 11C, 12I, L-31E, 32F**
 990/09W
 VOR portion unusable:
 140°-155° byd 30 NM blo 5000' 231°-245° byd 29 NM blo 5000'
 208°-224° byd 29 NM blo 5000'
 225°-230°
 DME unusable:
 115°-120° byd 29 NM blo 4000'
RCO 122.1R (BUFFALO RADIO)

GENESEO (D52) 1 W UTC-5(-4DT) N42°47.92' W77°50.55' **DETROIT**
 560 TPA-1960(1400) NOTAM FILE BUF
RWY 05-23: 4695X90 (TURF)
RWY 05: Tree. **RWY 23:** Trees. Rgt tfc.
AIRPORT REMARKS: Attended Apr-Sep 1500-2100Z±; Oct-Mar, Mon, Wed, Fri 1500-2100Z±. Attendance requests for other than scheduled times call 585-243-2100. 40 ft p-line in apch to Rwy 05. Rwy 05-23 ends are not clearly marked. Rwy 05 end marked with white paint at edges and orange cones. Rwy 23 end marked with white paint at edges. Large acft be alert for ruts in AER 23. Turf soft and wet for first 1000 ft from thld of Rwy 23 during Oct-May.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

GEORGETOWN N42°47.34' W75°49.61' NOTAM FILE BUF. **NEW YORK**
 (L) **VORTAC** 117.8 GGT Chan 125 085° 12.2 NM to Hamilton Muni. 2040/11W **L-32F**
 VOR portion unusable 105°-279° blo 4000'.
RCO 122.1R 117.8T (BUFFALO RADIO)

GHENT

KLINE KILL (NY1) 2 N UTC-5(-4DT) N42°21.01' W73°38.22' **NEW YORK**
 380 S4 NOTAM FILE BTW
RWY 01-19: 4000X75 (TURF)
RWY 01: Trees. **RWY 19:** Road.
AIRPORT REMARKS: Unattended. Unmarked turf area adjacent to rwy may be used for twy on north and south ends. Turf grades near south paved apron unsuitable for acft movement.
COMMUNICATIONS: CTAF 122.9

GIERMEK EXECUTIVE (See OLEAN)

GLENS FALLS N43°20.50' W73°36.71' NOTAM FILE GFL. **NEW YORK**
 (L) **VORTAC** 110.2 GFL Chan 39 at Floyd Bennett Memorial. 319/14W. **H-11C, 12I, L-32G**
 VOR portion unusable:
 300°-001° blo 10,000' 160°-170° byd 30 NM
 002°-009° blo 11,000' 199°-203° blo 10,000'.
 010°-020° byd 30 NM 270°-299° blo 10,000'
 021°-090° blo 10,000'
 DME portion unusable blo 9000'.
RCO 122.1R 110.2T (BURLINGTON RADIO)
RCO 122.4 122.2 (BURLINGTON RADIO)

GLENS FALLS**FLOYD BENNETT MEMORIAL** (GFL) 3 NE UTC-5(-4DT) N43°20.47' W73°36.62'

NEW YORK

328 B S4 FUEL 100LL, JET A TPA-1128(800) LRA Class IV, ARFF Index Ltd.

H-11C, 12J, L-326

NOTAM FILE GFL

IAP

RWY 01-19: H5000X150 (ASPH-GRVD) S-80, D-110, ST-117,

DT-180 HIRL

RWY 01: MALSR. PAPI (P4L)—GA 3.0° TCH 53'. Tree.

RWY 19: PAPI(P4L)—GA 3.0° TCH 50'. Tree.

RWY 12-30: H4000X100 (ASPH) S-39, D-53, DT-76 MIRL

RWY 12: Tree. RWY 30: Tree.

AIRPORT REMARKS: Attended May-Sep 1200-0000Z†, Oct-Apr

1300-2300Z†. Fueling avbl after hrs by pre-arrangement, call

518-798-3091. Birds and deer on and in/ov arpt. Ultralight

activity on and in/ov arpt. Ultralight acft use 500' AGL left t/c for

all rwys. Four obstruction lgt poles 1½ mile to 1¾ mile N of Rwy

19. Rwy 01 designated as calm wind rwy. Rws 12 and 19

approaches obscured from one another due to high ground. Rwy

01 practice instrument apchs prohibited in VFR conditions when

Rwy 19 is the active rwy. PPR 48 hrs for air carrier ops with more

than 30 passenger seats call arpt manager 518-792-5995.

Grass cutting equipment ops adjacent to all operational surfaces

dalgt hours May thru Oct. During periods of snow removal ops Nov

1-Apr 1 acft must ctc arpt on frequency 123.0 10 minutes prior to

ldg. Rwy conditions may not be monitored or reported when the arpt is unattended. ACTIVATE HIRL Rwy 01-19,

MIRL Rwy 12-30, MALSR Rwy 01, PAPI Rwy 19 and twy lgtS—CTAF.

WEATHER DATA SOURCES: ASOS 119.925 (518) 743-1728.

COMMUNICATIONS: CTAF/UNICOM 123.0

GLENS FALLS RCO 122.1R 110.2T (BURLINGTON RADIO)

GLENS FALLS RCO 122.4 122.2 (BURLINGTON RADIO)

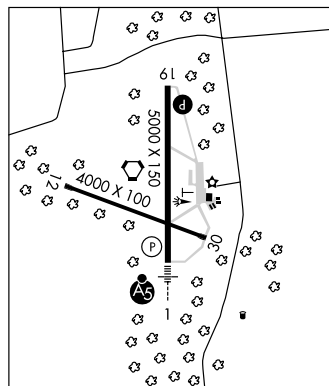
Ⓡ ALBANY APP/DEP CON 132.825

RADIO AIDS TO NAVIGATION: NOTAM FILE GFL.

GLENS FALLS (L) VORTAC 110.2 GFL Chan 39 N43°20.50' W73°36.71' at fld. 319/14W.

GANSE NDB (LOM) 209 GF N43°15.31' W73°36.35' 013° 5.2 NM to fld.

ILS 110.7 I-GFL Rwy 01. Class IT. LOM GANSE NDB.

**GORHAM****MIDLAKES** (92G) 3 W UTC-5(-4DT) N42°48.75' W77°12.23'

NEW YORK

1080 S2 NOTAM FILE BUF

RWY 14-32: 1820X55 (TURF)

RWY 14: Bush.

RWY 32: Road.

AIRPORT REMARKS: Attended irregularly. Rwy 14-32 soft and wet during Mar-Jun. Rwy 32 +80' trees 735' from thld +80' left and right of centerline. Rwy 14 has 60' grass safety area.

COMMUNICATIONS: CTAF/UNICOM 122.8.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

GOWANDA (D59) 3 N UTC-5(-4DT) N42°30.24' W78°57.04'

DETROIT

830 FUEL 80, 100 NOTAM FILE BUF

RWY 09-27: 3430X100 (TURF) LIRL (NSTD)

RWY 09: REIL. Tree. Rgt t/c.

RWY 27: Thld dspcd 1132'. Cranes. Rgt t/c.

AIRPORT REMARKS: Unattended. Rwy 09-27 soft and wet Mar-Jun. Truck traffic near Rwy 27. Rwy 09-27 dirt road crosses rwy at approximately mid point of rwy. Rwy 27, 77' high conveyor belt/crane and dirt pile, 170' from AER, 91' left. Rwy 09-27 NSTD LIRL; dspcd portion of rwy has blue lgtS. Rwy 09-27 dspcd thld several lgtS knocked down by farm equipment, bulbs missing. No lights on first 200 ft of Rwy 27. Bulbs missing from REILS. For rwy lights key 121.65.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

GRANVILLE (BØ1) 1 N UTC-5(-4DT) N43°25.37' W73°16.09'

NEW YORK

420 S3 NOTAM FILE BTW

RWY 16-34: H2500X36 (ASPH) S-8 LIRL

RWY 16: Tree.

RWY 34: Trees.

AIRPORT REMARKS: Attended daylight hours. For rwy lights phone 518-642-1380. Rwy 34 south 1800' wavy, rippled, vegetation through cracks, loose rocks on rwy. Sections of Rwy 16-34 width varies 36-46'. Rwy 16-34 LIRL OTS indef.

COMMUNICATIONS: CTAF 122.9

GREATER ROCHESTER INTL (See ROCHESTER)**GREAT VALLEY** (N56) 1 SE UTC-5(-4DT) N42°12.30' W78°38.84'

DETROIT

1450 NOTAM FILE BUF

RWY 06-24: 3800X60 (TURF) LIRL (NSTD)

RWY 06: Tree. RWY 24: Tree.

AIRPORT REMARKS: Attended dalgt hours. During winter months call 716-945-5106 for rwy conditions. Rwy 06 +33' tree, 217' from rwy end, 30' left; +81' tree, 227' from rwy end, 227' left of centerline. Rwy 24 +79' tree, 108' from rwy end, 231' left of centerline; +40' building, 405' from rwy end on centerline. ACTIVATE LIRL Rwy 06-24—CTAF. Rwy 06-24 LIRL NSTD due to spacing; thld lgts not red/green.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**GREATER BINGHAMTON/EDWIN A LINK FLD** (See BINGHAMTON)**GREEN ACRES** (See LIVINGSTON)**GREENE** (4N7) 2 SW UTC-5(-4DT) N42°18.25' W75°47.23'

NEW YORK

935 S4 NOTAM FILE BUF

RWY 07-25: 2665X200 (TURF) LIRL

RWY 07: Pole. RWY 25: Tree.

AIRPORT REMARKS: Attended dalgt hours. Deer and geese on and invof arpt. During winter check FSS for NOTAMs. ACTIVATE LIRL Rwy 07-25—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**GREENVILLE-RAINBOW** (1H4) 1 E UTC-5(-4DT) N42°25.00' W74°00.97'

NEW YORK

840 NOTAM FILE BTW

RWY 17-35: 1801X75 (TURF)

RWY 17: Thld dsplcd 112'. Trees. RWY 35: Trees.

AIRPORT REMARKS: Attended May-Nov. dalgt hrs. Arpt CLOSED Dec. 1-Apr 1. Rwy 17-35 may be clsd after rains due to wetness. Rwy 17-35 soft and wet during Mar-Jun. +30' p-line parallel to and 150' west of rwy centerline. Rwy 35 edges and thld marked by white boards. Rwy 17 edges and dsplcd thld marked by white boards, end of usable rwy not marked and is 112' north of white thld markers.

COMMUNICATIONS: CTAF/UNICOM 122.8**GRIFFISS INTL** (See ROME)**HALOS** N42°06.61' W77°54.91' NOTAM FILE ELZ.

DETROIT

NDB (MHW/LDM) 269 EL 278° 3.3 NM to Wellsville Muni Arpt, Tarantine Fld.

L-301, 32F

Unusable 120°-260° byd 15 NM.

HAMBURG**HAMBURG INC** (4G2) 4 W UTC-5(-4DT) N42°42.05' W78°54.89'

DETROIT

751 FUEL 100 NOTAM FILE BUF

L-30H, 31E

RWY 01-19: H2465X30 (ASPH) LIRL (NSTD)

RWY 01: Thld dsplcd 462'. Trees. RWY 19: Thld dsplcd 456'. Road.

AIRPORT REMARKS: Unattended. Self serve fuel. Ultraigt acft on and invof arpt. Rwy 01-19 NSTD LIRL due to placement. Rwy lgts on timer and can also be lighted by CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 229° 18.1 NM to fld. 730/08W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

HAMILTON MUNI (VGC) 1 NE UTC-5(-4DT) N42°50.61' W75°33.67'

NEW YORK

1134 FUEL 100LL, JET A TPA-2100(966) NOTAM FILE BUF

H-101, 11C, 12J, L-32F

RWY 17-35: H5314X75 (ASPH) S-20 MIRL

IAP

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 30. Thld dsplcd 300'.

Trees.

RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Brush.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-5314 TODA-5314 ASDA-5314 LDA-5014

RWY 35: TORA-5314 TODA-5314 ASDA-5014 LDA-5014

AIRPORT REMARKS: Attended 1400-2200Z+. After hrs fuel avbl by appointment for a fee ctc arpt mgr. Maintenance shop airframe/powerplant and inspection authorization avbl Mon-Fri 1400-2200Z+. Deer on and invof Rwy 17-35. Ultralghts on and invof arpt. Windmills north of Rwy 35. Taxi svc and car rental avbl. Noise abatement procedures in effect; all acft dep maintain rwy heading until 2100 ft MSL before making turn out. ACTIVATE MIRL Rwy 17-35, and REIL Rwy 17 and Rwy 35-122.7.

WEATHER DATA SOURCES: AWOS-3 119.425 (315) 824-1825.

COMMUNICATIONS: CTAF/UNICOM 123.0

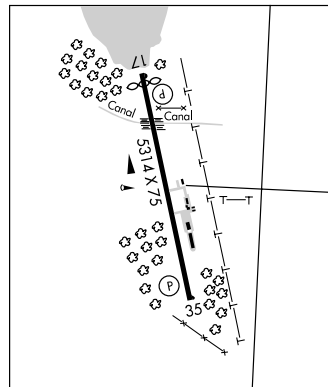
GEORGETOWN RCO 122.1R 117.8T (BUFFALO RADIO)

① SYRACUSE APP/DEP CON 126.125

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GEORGETOWN (L) VORTAC 117.8 GGT Chan 125 N42°47.34' W75°49.61' 085° 12.2 NM to fld. 2040/11W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



HAMPTON N40°55.14' W72°19.00' NOTAM FILE ISP.

NEW YORK

(H) VORTAC 113.6 HTO Chan 83 063° 3.8 NM to East Hampton. 22/13W. HIWAS.

COPTER

DME portion unusable

H-101, 12J, L-33C, 34I

280°-325° byd 35 NM blo 1700'

325°-355° byd 30 NM blo 2000'

VOR portion unusable 221°-231° blo 6000'

RCO 122.6 122.1R 113.6T (NEW YORK RADIO)

HANCOCK N42°03.78' W75°18.98' NOTAM FILE BUF.

NEW YORK

(H) VOR/DME 116.8 HNK Chan 115 354° 15 NM to Sidney Muni. 2070/11W. HIWAS.

H-101, 11C, 12J, L-30K, 33A

RCO 122.1R 116.8T (BUFFALO RADIO)

HAVERSTRAW HELIPORT (H43) 1 E UTC-5(-4DT) N41°12.66' W73°58.16'

NEW YORK

12 FUEL JET A NOTAM FILE ISP

HELIPAD H1: H50X50 (ASPH)

H1: Bldg.

HELIPORT REMARKS: Attended 1200-0000Z+. For svc after hrs call 914-429-1200. Helipad H1 350 ft towers 800 ft N of helipad. Helicopters descend to point on turf area west of pavement and taxi to paved location. Noise abatement; avoid residential area W of heliport. Helipad H1 floodlights. For floodlights call 914-429-1200.

COMMUNICATIONS: CTAF/UNICOM 123.05

HAWKY N42°49.04' W73°48.51' NOTAM FILE ALB.

NDB (LOM) 219 AL 089° 4.2 NM to Albany Intl. Unusable 160°-210° byd 10 NM.

HEBER AIRPARK (See GANSEVOORT)

HESTR N41°08.72' W73°45.99' NOTAM FILE HPN.

NDB (LOM) 281 HP 162° 5.4 NM to Westchester Co. Unusable beyond 11 NM. Unmonitored when tower clsd.

HOLCOMB

CREEKSIDE (D67) 2 NE UTC-5(-4DT) N42°54.97' W77°22.95'

DETROIT

820 NOTAM FILE BUF

RWY 15-33: 1245X25 (ASPH-TRTD)

AIRPORT REMARKS: Attended irregularly. P-lines on W side of arpt entrance road.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

HOLLANDS INTL FLD (See NEWFANE)

HOPEWELL AIRPARK (See CANANDIGUA)

HORNELL MUNI (4G6) 3 N UTC-5(-4DT) N42°22.93' W77°40.93'

1220 B FUEL 100LL, JET A TPA-2220(1000) NOTAM FILE BUF

RWY 18-36: H5000X75 (ASPH-GRVD) MIRL 0.5% up N

RWY 18: REIL. Thld dsplcd 500'. Trees.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended 1300Z±-dusk. ACTIVATE MIRL Rwy 18-36 and REIL Rwy 18-36—CTAF. REIL Rwy 18-36 OTS indef.

WEATHER DATA SOURCES: AWOS-3 118.475 (607) 324-9138.

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEVELAND CENTER APP/DEP CON 124.325

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

WELLSVILLE (L) VORTAC 111.4 ELZ Chan 51 N42°05.38'

W77°59.97' 048° 22.5 NM to fld. 2296/09W.

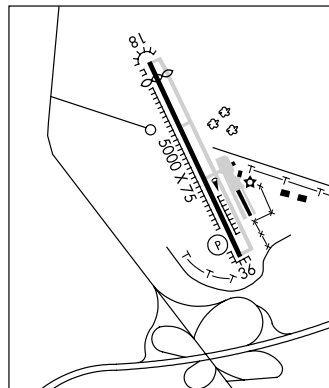
COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services

1-888-766-8267.

DETROIT

H-10H, 11C, 12I, L-30I, 31E, 32F

IAP



HUDSON

COLUMBIA CO (1B1) 4 NE UTC-5(-4DT) N42°17.48' W73°42.62'

198 B S3 FUEL 100, JET A1 + OX 3 LRA NOTAM FILE BTV

RWY 03-21: H5350X100 (ASPH-GRVD) S-13 MIRL

RWY 03: REIL. PAPI(P4L)—GA 4.0° TCH 44'. Tree.

RWY 21: Trees.

AIRPORT REMARKS: Attended 1200-0200Z±. ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03—CTAF.

WEATHER DATA SOURCES: AWOS-3 133.525 (518) 828-2577.

COMMUNICATIONS: CTAF/UNICOM 123.05

® ALBANY APP/DEP CON 132.825

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

ALBANY (L) VORTAC 115.3 ALB Chan 100 N42°44.84'

W73°48.19' 184° 27.7 NM to fld. 275/13W.

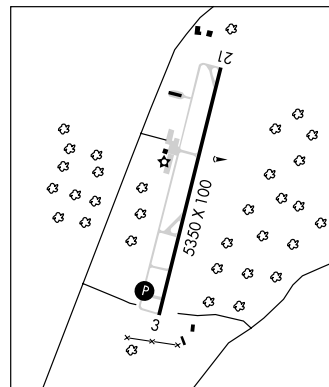
PHILMONT NDB (MHW) 272 PFH N42°15.19' W73°43.40'

027° 2.4 NM to fld. NOTAM FILE BTV.

NEW YORK

H-10I, 11C, 12J, L-33B, 34I

IAP



HUGUENOT N41°24.58' W74°35.50' NOTAM FILE ISP.

NEW YORK

(H) VOR/DME 116.1 HUO Chan 108 079° 15.9 NM to Orange Co. 1300/11W.

H-101, 12J, L-33A, 34H

VOR unusable:

029°-045° byd 15 NM blo 5000'

050°-060° byd 10 NM all altitudes

210°-230° byd 20 NM blo 6500'

RCO 122.1R 116.1T (NEW YORK RADIO).

HUNTER N42°51.18' W73°56.06' NOTAM FILE SCH.

NEW YORK

NDB (MHW) 356 HEU at Schenectady Co.

L-326

ISLIP**LONG ISLAND MAC ARTHUR** (ISP) 7 NE UTC-5(-4DT) N40°47.72' W73°06.01'

NEW YORK

99 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA-1099(1000)

COTPER

LRA Class I, ARFF Index B NOTAM FILE ISP

H-101, 12J, L-33B, 34I

RWY 06-24: H7006X150 (ASPH-GRVD) S-100, D-210, ST-175, DT-300

IAP, AD

HIRL

RWY 06: MALSR (NSTD). VASI(V4L)—GA 3.0° TCH 51'. Tree.

RWY 24: MALSR. VASI(V4L)—GA 3.0° TCH 52'. Tree. Rgt tfc.

RWY 15R-33L: H5186X150 (ASPH-GRVD) S-100, D-170, ST-175, DT-300 MIRL 0.4% up NW

RWY 15R: VASI(V4L)—GA 3.0° TCH 45'. Pole. Rgt tfc.

RWY 33L: VASI(V4L)—GA 3.2° TCH 60'. Trees.

RWY 10-28: H5034X150 (ASPH) S-32, D-56, DT-92

RWY 10: Tree.

RWY 28: PAPI(P2L)—GA 3.0° TCH 43'. Trees.

RWY 15L-33R: H3175X75 (ASPH) S-25

RWY 15L: Trees.

RWY 33R: Trees. Rgt tfc.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	15R-33L	4200
RWY 10	15R-33L	3000
RWY 15R	10-28	4600
RWY 24	10-28	4600
RWY 28	06-24	4500

AIRPORT REMARKS: Attended continuously. Bird activity on and in/ov aprt.

ADVISORY: Tfc ldg Rwy 33L high density VFR tfc operating 600 ft MSL and blo vicinity Bayport Aerodrome 3 miles SE. Updrafts may be encountered in/ov power plant 1.5 NM NE Rwy 24. Arpt restricted 0400-1130Z† daily for acft indicating over 85 decibel apch and 72 decibel tkf except emergency or mercy flights. Rwy 15L-33R and Rwy 10-28 CLOSED to fixed wing acft at night and avbl for taxiing. Rwy 15L-33R acft 48,000 lbs or less use limited to dalgt taxiing ops only. When twr clsd ACTIVATE MIRL Rwy 15R-33L; twy lgtS—CTAF. HIRL Rwy 06-24 preset low ints; to increase ints ACTIVATE—CTAF MALSR Rwy 06 or 24 preset med ints for prevailing wind rwy. Twy S unlgtd E of terminal apron. Rwy 15L NSTD markings, thld bar missing on rwy end. Rwy 33R NSTD markings, thld bar missing on rwy end. Rwy 06 NSTD MALSR: three outermost flasher lgtS exceed standard spacing. Rollout rwy visual range Rwy 06 avbl. Touchdown rwy visual range Rwy 06 avbl. Touchdown and rollout rwy visual range Rwy 24 avbl.

WEATHER DATA SOURCES: ASOS (631) 471-0690.**COMMUNICATIONS:** CTAF 119.3 ATIS 120.725 UNICOM 122.95

NEW YORK RCO 122.2 122.6 (NEW YORK RADIO)

® NEW YORK APP/DEP CON 118.0

LONG ISLAND TOWER 119.3 124.3 (1100-0400Z†) GND CON 135.3 CLNC DEL 121.85

AIRSPACE: CLASS C svc 1100-0400Z† ctc APP CON 118.0 (330°-179°) other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.

DEER PARK (L) VORW/DME 117.7 DPK Chan 124 N40°47.51' W73°18.22' 101° 9.3 NM to fld. 117/12W.

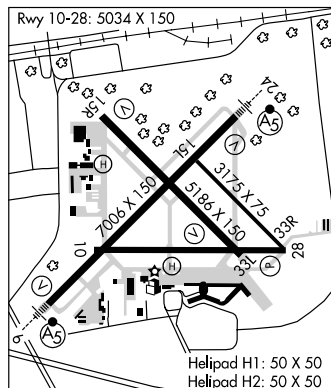
LOKKS NDB (LOM) 366 IS N40°43.74' W73°11.41' 060° 5.7 NM to fld. Unmonitored.

ILS 108.3 I-RXN Rwy 24. Class IA. ILS unmonitored when twr clsd.

ILS 108.3 I-ISP Rwy 06. Class IE. LOM LOKKS NDB. ILS unmonitored when twr clsd. LOC unusable byd 20° left of course.

• • • • •
HELIPAD H1: H50X50 (ASPH)

HELIPAD H2: H50X50 (ASPH)

HELIPORT REMARKS: Helipad H1 located on Twy W south of the intersection of Twy B. Helipad H2 located on Twy C between Rwy 10-28 and Twy S.

ITHACA TOMPKINS RGNL (ITH) 3 NE UTC-5(-4DT) N42°29.48' W76°27.52' **NEW YORK**

1099 B S4 FUEL 100LL, JET A Class I, ARFF Index B NOTAM FILE ITH H-10H, 11C, 12J, L-30J, 32F

RWY 14-32: H6977X150 (ASPH-GRVD) S-71, D-90, ST-114, DT-140 HIRL 0.3% up SE IAP, AD

RWY 14: PAPI(P4R)—GA 3.0° TCH 50'.

RWY 32: MALSR. VASI(V4L)—GA 3.2° TCH 53'. Trees.

RWY 15-33: 2018X50 (TURF) 0.3% up SE

RWY 15: Road. RWY 33: Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-6976 TODA-6976 ASDA-6601 LDA-6601

RWY 32: TORA-6976 TODA-6796 ASDA-6601 LDA-6601

AIRPORT REMARKS: Attended 1030-0500Z†. FBO avbl 1100-0200Z†.

for FBO svcs ctc 131.6. For FBO svcs after hrs call 607-279-0392 or 800-876-1551. Rwy 15-33 CLOSED ngts, winter months, and after heavy rain. Deer and flocks of birds on and invof arpt. PPR 24 hrs for unscheduled air carrier ops, call arpt manager 607-257-6666. ARFF avbl 1030-0500Z† and/or 15 min prior to or 15 min after scheduled air carrier ops. Twy G clsd indef. Rwy 15-33 thlds marked with lime, edges marked with reflectors. When twr clsd ACTIVATE HIRL Rwy 14-32, twy lgts and MALSR Rwy 32 and PAPI Rwy 14—CTAF. Ldg fee for transient acft.

WEATHER DATA SOURCES: ASOS 125.175 (607) 257-2390.

COMMUNICATIONS: CTAF 119.6 ATIS 125.175 UNICOM 122.95

RCO 122.1R 111.8T (BUFFALO RADIO)

Ⓡ ELMIRA APP/DEP CON 124.3 (1100-0500Z†)

Ⓡ NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z†)

TOWER 119.6 (1130-0300Z†) GND CON 121.8

AIRSPACE: CLASS D svc 1130-0300Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

(L) VOR/DME 111.8 ITH Chan 55 N42°29.70' W76°27.60' at fld. 1102/10W.

VOR unusable:

060°-080° byd 28 NM blo 2500'

081°-150° byd 10 NM blo 3800'

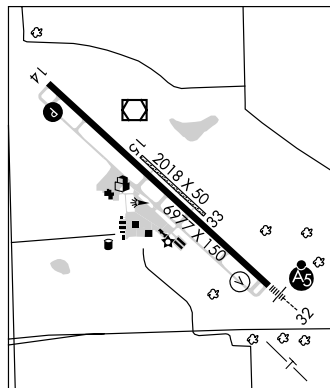
360°-059° byd 10 NM blo 3800'

DME unusable 360°-160° byd 20 NM blo 6500'

VRNAH NDB (LOM) 266 IT N42°25.80' W76°22.08' 324° 5.5 NM to fld. Unusable beyond 10 NM.

ILS 108.7 I-ITH Rwy 32. Class IB. LOM VRNAH NDB (ILS unmonitored when twr clsd.) LOM unusable beyond 10 NM.

COMM/NAV/WEATHER REMARKS: When Ithaca twr clsd, clnc del/cancellations avbl thru Elmira apch 124.3. During hrs Elm apch clsd, clnc del/cancellations avbl thru Flight Services on Ithaca VOR 122.1R 111.8T and 1-888-766-8267.



JAMESTOWN N42°11.32' W79°07.28' NOTAM FILE JHW.

(H) VOR/DME 114.7 JHW Chan 94 258° 6.1 NM to Chautauqua Co./Jamestown. 1790/07W.

RCO 122.1R 114.7T (BUFFALO RADIO)

DETROIT

H-10H, L-30H

JAMESTOWN**CHAUTAUQUA CO/JAMESTOWN**

(JHW) 3 N UTC-5(-4DT) N42°09.20' W79°15.48'

1723 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE JHW

RWY 07-25: H5299X100 (ASPH-GRVD) S-50, D-75, DT-125 HIRL

RWY 07: VASI(V4L)—GA 3.0° TCH 52'. Antenna.

RWY 25: MALSR.

RWY 13-31: H4500X100 (ASPH) S-15, D-30 MIRL 0.4% up NW

RWY 13: PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51'. Building.

AIRPORT REMARKS: Attended Sun-Fri 1100-0200Z, Sat

1100-1900Z. Deer and birds on and in/ovf arpt. No snow removal

avbl 0200-1100Z. Mid Nov-1 Apr ops avbl Sat 1100-2200Z.

PPR for services after hrs, call arpt manager 716-484-0204 or

FBO at 716-665-4800. ACTIVATE HIRL Rwy 07-25, MIRL Rwy

13-31, VASI Rwy 07, PAPI Rwy 13 and Rwy 31, MALSR Rwy 25

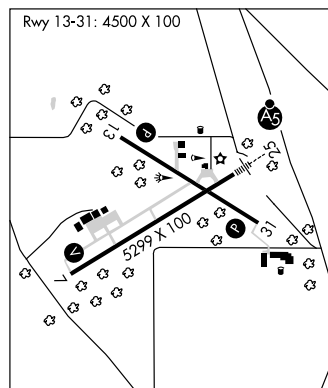
and twy lghts—CTAF. Ldg fee multi-engine acft only.

WEATHER DATA SOURCES: AWOS-3 118.425 (716) 664-6005.**COMMUNICATIONS:** CTAF/UNICOM 122.7**JAMESTOWN RCD** 122.1R 114.7T (BUFFALO RADIO)⑧ **ERIE APP/DEP CON** 126.05 (1100-0500Z)**CLEVELAND CENTER APP/DEP CON** 132.4 (0500-1100Z)**AIRSPACE:** CLASS E svc Sun-Fri 1100-0300Z, Sat 1200-2300Z,

other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE JHW.**JAMESTOWN (H) VOR/DME** 114.7 JHW Chan 94 N42°11.32' W79°07.28' 258° 6.1 NM to fld. 1790/07W.

ILS 109.7 I-JHW Rwy 25. Class IE. ILS unmonitored.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**JOHN F. KENNEDY INTL** (See NEW YORK)**JOHNSTOWN** N42°59.97' W74°19.89' NOTAM FILE BTV.

NDB (MHW) 523 JJH at Fulton Co.

NEW YORK

L-326

JOHNSTOWN**FULTON CO**

(NYØ) 2 E UTC-5(-4DT) N42°59.89' W74°19.77'

881 B S3 FUEL 100LL, JET A TPA-1681 (800) NOTAM FILE BTV Not insp.

RWY 10-28: H4000X75 (ASPH) MIRL 0.4% up E

RWY 10: REIL. PAPI(P2L). Trees.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 42'. Trees.

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z. Sun

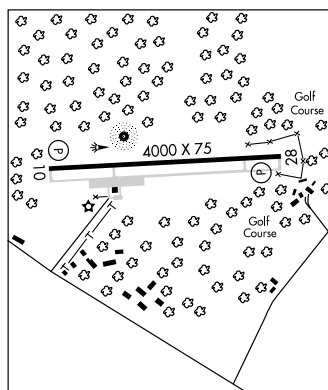
1500-2200Z. ACTIVATE MIRL Rwy 10-28—CTAF. Landing fee.

COMMUNICATIONS: CTAF/UNICOM 122.7**ALBANY APP/DEP CON** 118.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE ALB.**ALBANY (L) VORTAC** 115.3 ALB Chan 100 N42°44.84'

W73°48.19' 316° 27.7 NM to fld. 275/13W.

JOHNSTOWN NDB (MHW) 523 JJH N42°59.97' W74°19.89' at

fld. NOTAM FILE BTV.

**JOSEPH Y RESNICK** (See ELLENVILLE)**KATHI** N43°06.54' W78°50.30' NOTAM FILE IAG.

NDB (LOM) 329 IA 279° 4.7 NM to Niagara Falls Intl. Unmonitored when Niagara Falls Intl twr clsd.

KEENE

MARCY FLD (111) 2 S UTC-5(-4DT) N44°13.25' W73°47.48'
 985 NOTAM FILE BTW Not insp.
RWY N-S: 2390X95 (TURF)
RWY N: Road. **RWY S:** Trees.
AIRPORT REMARKS: Unattended. Closes late Oct reopens mid May.
COMMUNICATIONS: CTAF 122.9

MONTREAL

KENNEDY N40°37.97' W73°46.28' NOTAM FILE JFK.

NEW YORK

(H) **VOR/DME** 115.9 JFK Chan 106 at John F. Kennedy Intl. 11/12W.

H-101, 121, L-338, 34H

VOR/DME unusable:

100°-299° byd 30 NM blo 2000'

060°-099° byd 25 NM blo 2500'

300°-059° byd 30 NM blo 2500'

RCO 122.1R 115.9T (NEW YORK RADIO)

KINGSTON N41°39.93' W73°49.33' NOTAM FILE ISP.

NEW YORK

(L) **VOR/DME** 117.6 IGN Chan 123 242° 3.6 NM to Dutchess Co. 580/12W. HIWAS.

H-101, 121, L-338, 34H

VOR unusable 045°-050° byd 35 NM blo 4300' 070°-140° byd 30 NM blo 3400'

RCO 122.1R 117.6T (NEW YORK RADIO)

KINGSTON-ULSTER (20N) 4 N UTC-5(-4DT) N41°59.12' W73°57.85'

NEW YORK

149 S4 **FUEL** 100LL TPA-1200(1051) NOTAM FILE ISP

L-338, 34I

RWY 15-33: H3100X60 (ASPH) S-12.5 MIRL 0.4% up NW

IAP

RWY 15: PAPI(P2L). Thld dsplcd 235'. Trees.

RWY 33: REIL. PAPI(P2L). Thld dsplcd 310'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 15: TORA-3100 TODA-3100 ASDA-3010 LDA-2775

RWY 33: TORA-3100 TODA-3100 ASDA-2939 LDA-2630

AIRPORT REMARKS: Attended Mon-Fri 1300Z-dusk except

Thanksgiving, Christmas and New Years. Sat-Sun 1400-2200Z.

Rwy 33 has +21' fence 237' from thld. PAEW adjacent twy/rwy.

No runups at Rwy 15 thld. No line of sight between Rwy 33 hold

line and acft in final .25 mile of apch to Rwy 33. No flight training

or transient 0300-1100Z. Ngt touch and go ldg prohibited. Noise

abatement procedures in effect call 845-336-8400. Avoid

overflight of housing development adjacent to N end of rwy.

Preferred arrival Rwy 33, dep Rwy 15. ACTIVATE PAPI Rwy 15 and

Rwy 33-123.3. MIRL Rwy 15-33, REIL Rwy 33 and twy lgts

operate 123.3 dusk-dawn.

WEATHER DATA SOURCES: HIWAS 117.6 IGN.

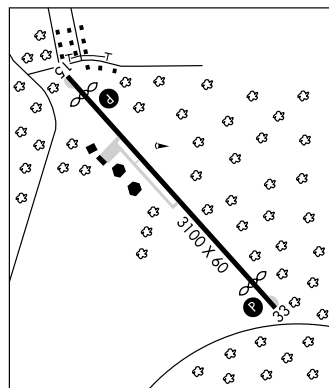
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 354° 20.2 NM to fld. 580/12W.

HIWAS.



KIRKWOOD AIRPARK (5N5) 3 S UTC-5(-4DT) N42°00.02' W75°45.61'

NEW YORK

870 B NOTAM FILE BUF

RWY 15-33: 3350X75 (TURF) LIRL (NSTD)

RWY 15: VASI(NSTD). Tree.

RWY 33: VASI(NSTD). Tree.

AIRPORT REMARKS: Attended daylight hours, after dusk ctc Binghamton apch. Arpt CLOSED indef. Parachute Jumping.

Rotating bcn OTS indef. Rwy 15-33 NSTD LIRL; first 630' unlgtd; no thld lgts. For LIRL Rwy 15-33 and rotating

beacon call 607-775-3672. During winter snow conditions call 607-775-3672 for field status. Rwy 15 and Rwy

33 VASI home-built tri-color lgt; both OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

KLINE KILL (See GHENT)

KLUMP N43°00.01' W78°39.05' NOTAM FILE BUF.

NDB (LOM) 231 BU 234°5.1 NM to Buffalo Niagara Intl.

KNOX (See QUAKER STREET)

KOBELT (See WALLKILL)

KRING N42°35.08' W74°59.18' NOTAM FILE UCA.
NDB (LOM) 279 OZ 236° 5.0 NM to Oneonta Muni.

LA GUARDIA (See NEW YORK)

LAKE PLACID (LKP) 1 SE UTC-5(-4DT) N44°15.87' W73°57.71'

1747 S4 FUEL 100LL NOTAM FILE BTV

RWY 14-32: H4200X60 (ASPH) S-8 MIRL

RWY 14: PAPI(P2L)—GA 3.5° TCH 45'.

RWY 32: REIL. Thld dsplcd 1250'.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z, Sat-Sun 1400-2200Z. Extensive glider activity. Mountains on both approaches 1-5 miles from runway ends. ACTIVATE MIRL Rwy 14-32 PAPI Rwy 14 and twy lgtS—CTAF.

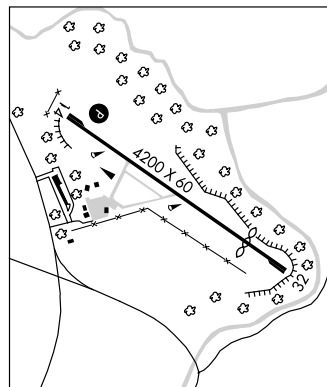
COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 120.35

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (L) VOR/DME 117.5 BTV Chan 122 N44°23.83' W73°10.95' 272° 34.5 NM to fld. 420/15W. HIWAS.

MONTREAL
L-326
IAP



LANCASTER

BUFFALO-LANCASTER RGNL (BQR) 3 NE UTC-5(-4DT) N42°55.34' W78°36.73'

750 B S6 FUEL 100LL NOTAM FILE BUF

RWY 08-26: H3200X75 (ASPH) MIRL

RWY 08: REIL. PAPI(P2L). Thld dsplcd 915'. Pole.

RWY 26: REIL. PAPI(P2L). Tree.

AIRPORT REMARKS: For attendance call 716-591-0366. +28 ft railroad 215 ft S of rwy centerline parallel to Rwy 08-26. RWY 08-26 rwy lgtS OTS indef. ACTIVATE MIRL Rwy 08-26, REIL RwyS 08 and 26 and PAPI RwyS 08 and 26—CTAF.

COMMUNICATIONS: CTAF/AUNICOM 123.05

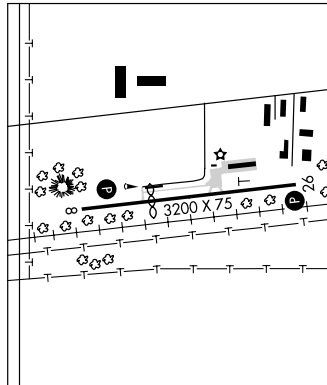
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 113° 1.6 NM to fld. 730/08W.

COMM/NAV/WEATHER REMARKS: Automated UNICOM, 617-262-3825. CInc del thru Flight Services 1-888-766-8267.

DETROIT
L-31E



LEDGEDALE AIRPARK (See BROCKPORT)

LE ROY (5GØ) 2 E UTC-5(-4DT) N42°58.88' W77°56.25'

DETROIT

780 B S2 FUEL 100LL NOTAM FILE BUF

L-31E, 32F

RWY 10-28: H2640X60 (ASPH) S-12.5 MIRL 0.4% up W

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0°. Fence.

RWY 28: REIL. PAPI(P2L)—GA 3.0°. Fence.

AIRPORT REMARKS: Attended 1500-2100Z†, except State and Federal legal holidays. Deer on and invof arpt. Touch and go ldg not authorized. PAPI Rwy 10 OTS indef. REIL Rwy 28 OTS indef. REIL Rwy 10 OTS indef. ACTIVATE

MIRL Rwy 10-28, PAPI Rwy 10 and Rwy 28 and REIL Rwy 10 and Rwy 28—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

® ROCHESTER APP/DEP CON 123.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06' W77°43.97' 323° 12.6 NM to fld. 990/09W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

LEXINGTON-PRATTSVILLE

MABEN (NØØ) 2 NW UTC-5(-4DT) N42°16.34' W74°23.64'

NEW YORK

1800 B TPA-2600(800) NOTAM FILE BTW

RWY 03-21: 4000X50 (TURF-GRVL) LIRL (NSTD)

RWY 03: Tree.

RWY 21: Tree.

AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Extensive glider activity. Mowed width varies 35 to 50'. Rwy

03-21 turf in some areas, grvl in other areas. Rwy 03-21 NSTD LIRL; rwy lgts portable with blinkers and

reflectors. For rwy lgts and rotating bcn call 518-299-3664/3112. Rwy ends marked with white crosses day of inspection, with hay wagon parked on rwy thld and arpt unattended.

COMMUNICATIONS: CTAF 122.8

LIGHTNING TREE FARM (See MILLBROOK)

LIVINGSTON

GREEN ACRES (1A1) 2 NE UTC-5(-4DT) N42°08.92' W73°45.06'

NEW YORK

295 S2 NOTAM FILE BTW

RWY 03-21: 2275X75 (TURF)

RWY 03: Tree.

RWY 21: Tree.

AIRPORT REMARKS: Attended daylight hours.

COMMUNICATIONS: CTAF 122.9

LOCKPORT

NORTH BUFFALO SUBURBAN (ØGØ) 3 S UTC-5(-4DT) N43°06.19' W78°42.20'

DETROIT

588 B FUEL 100LL TPA-1401(813) NOTAM FILE BUF

L-31E

RWY 10-28: H2830X50 (ASPH) S-6 MIRL

IAP

RWY 10: Trees.

RWY 28: TRCV(TRIL)—GA 3.0°. Thld dsplcd 355', P-line.

AIRPORT REMARKS: Attended 1330-0300Z†. Rwy safety area 575' by 60' west end. ACTIVATE MIRL Rwy 10-28-123.0. MIRL opr low ints only.

COMMUNICATIONS: CTAF/UNICOM 123.0

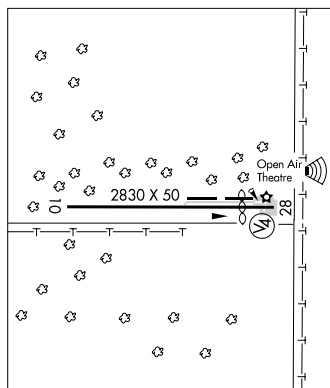
® BUFFALO APP/DEP CON 126.5

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 355° 10.7 NM to fld. 730/08W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



LOKKS N40°43.74' W73°11.41' NOTAM FILE ISP.

NDB (LOM) 366 IS 060° 5.7 NM to Long Island Mac Arthur. Unmonitored.

LONG ISLAND MAC ARTHUR (See ISLIP)

LONG LAKE**LONG LAKE/HELMS SPB** (NY9) 0 N UTC-5(-4DT) N43°58.50' W74°25.23'

NEW YORK

1629 S2 FUEL 100LL NOTAM FILE BUF

WATERWAY NE-SW: 15000X1500 (WATER)

SEAPLANE REMARKS: Attended Apr-Nov 1300Z±-dusk. Bridge across lake (Route 30) 500' NW of base. Do not taxi under bridge at high water levels; possible at low water level; stay to west (high) side of bridge. Water levels may vary +/- 10'. P-line at base and building access from base; +50' p-lines along road and bridge (Route 30). One rwy north of bridge and the other rwy south of bridge.

COMMUNICATIONS: CTAF/UNICOM 122.8

LONG LAKE: SAGAMORE SPB AND MARINA (KØ3) 1N UTC-5(-4DT)

NEW YORK

N43°58.14' W74°25.73'

1629 NOTAM FILE BUF

WATERWAY ALL WAY: 15000X2000 (WATER)

SEAPLANE REMARKS: Attended April-Nov dawn-dusk. Major rwy orientation is NE-SW. Do not taxi under bridge at high water levels; possible at low water levels. Stay to west (high) side of bridge. Water levels vary +/- 10'. Access to Sagamore Base from land side via Sagamore Road off of Rt 30 north of US Post Office on east side. One rwy north of bridge; another rwy south of bridge. Bridge across lake (Route 30) and building across road. +50' p-lines along road and bridge (Route 30). Sagamore Base located ¼ mile south of bridge on east shore. SPB located 60 NM east of Carthage, NY.

COMMUNICATIONS: CTAF/UNICOM 122.8

LT. WARREN EATON (See NORWICH)**LUFKER** (See EAST MORICHES)**LUTHER** (See CHITTENANGO)**MABEN** (See LEXINGTON-PRATTSVILLE)**MALONE-DUFORT** (MAL) 2 W UTC-5(-4DT) N44°51.22' W74°19.74'

MONTREAL

790 B TPA-1590(800) NOTAM FILE BTV

L-326

RWY 05-23: H4000X100 (ASPH) MIRL 0.4% up SW

IAP

RWY 05: REIL. Pole. RWY 23: REIL. Trees.

RWY 14-32: H3245X75 (ASPH) MIRL 0.9% up SE

RWY 32: Tree.

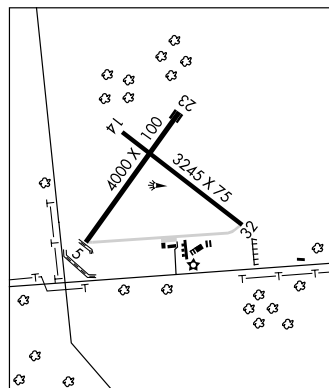
AIRPORT REMARKS: Attended Apr-Nov, Sat-Sun and Holidays, other times call 518-483-2431. Rwy 14-32 has snow removal but visual inspection and NOTAM check must be done as town roads are plowed before arpt. Haying activity and equipment present Jun-Sept. Rotating bcn OTS indef. ACTIVATE MIRL Rwy 05-23, Rwy 14-33, and twy lgts-CTAF. Rwy 05 REIL out of svc indefinitely.

COMMUNICATIONS: CTAF/UNICOM 122.8

® BOSTON CENTER APP/DEP CON 135.25

RAID AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.86' W74°43.36' 116° 17.2 NM to fld. 200/14W. HIWAS.

**MARCY FLD** (See KEENE)

MASSENA INTL-RICHARDS FLD (MSS) 2 E UTC-5(-4DT) N44°56.15' W74°50.73' **MONTREAL**

215 B S1 FUEL 100LL JET A AOE Class II, ARFF Index A NOTAM FILE MSS H-11C, 12K, L-32G

RWY 05-23: H5600X100 (ASPH-GRVD) S-30, D-50, DT-76 PCN 20 F/C/X/T HIRL 0.3% up NE IAP

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 59'. Tree.

RWY 23: PAPI(P4L)—GA 3.0° TCH 43'.

RWY 09-27: H4000X100 (ASPH-GRVD) S-30, D-50, DT-76 MIRL

RWY 09: Trees.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.

AIRPORT REMARKS: Attended Mon 1230-2100Z, Tues-Fri

1230-2200Z, Sat 1330-2200Z. Unattended holidays. Birds

and deer on and in vicinity of airport. Frequent concentration of seagulls

and Canada geese on and in vicinity of airport particularly during

poor weather periods. 421 ft lgtd/markd twr 6000 ft S of arpt.

Rwy conditions reported during normal hours of ops. Twy E hold

sign at Rwy 23 OTS indef. Twy B at Rwy 05-23 hold sign OTS

indef. Rwy 05 hold sign at Twy A lgt OTS indef. PPR 24 hours for

air carrier ops with more than 30 passenger seats; call arpt

manager 315-769-7605. Rwy 05 and Rwy 09-27 first 50' not

grvd. Overnight acft parking avbl at terminal apron. After

attendance hrs vehicle and pedestrian access to FBO apron and

hangar only avbl with key card for automatic gate. ACTIVATE HIRL

Rwy 05-23, MIRL Rwy 09-27, PAPI Rwy 23, Rwy 05 and Rwy 27,

REIL Rwy 05 and Rwy 27 and twy lghts—CTAF. Rwy 05-23 and 09-27 first 50 ft not grvd. Flight Notification

Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS 128.075 (315) 764-0481. HIWAS 114.1 MSS.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.2 (BURLINGTON RADIO)

Ⓡ BOSTON CENTER APP/DEP CON 135.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

(H) VORTACW 114.1 MSS Chan 88 N44°54.86' W74°43.36' 298° 5.4 NM to fld. 200/14W. HIWAS.

VOR portion unusable:

056°-066° blo 14000'

261°-271° byd 38 NM

067°-260°

272°-055°

261°-271° blo 18000'

MISSE NDB (LOM) 278 MS N44°51.25' W74°54.95' 045° 5.8 NM to fld. Unmonitored.

ILS 108.7 I-MSS Rwy 05 Class IT. LOM MISSE NDB. ILS unmonitored.



MATTITUCK (21N) 1 SE UTC-5(-4DT) N40°59.26' W72°31.14'

NEW YORK

30 S6 FUEL 100LL NOTAM FILE ISP

COPTER

RWY 01-19: H2200X60 (ASPH)

RWY 01: Trees.

RWY 19: Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z. All training operations, take-off and landing practice and night

operations are prohibited. Deer on and in vicinity of arpt. Rwy 01-19 sprayed asph and pebble mixture and asph. Rwy

19 extensive pavement rutting at centerline 240'-350' from thld. Segmented circle has no tfc pattern indicator.

COMMUNICATIONS: CTAF 122.9

MAUS MARINELAND SPB (See NEW HOPE)

MAYVILLE

DART (D79) 2 E UTC-5(-4DT) N42°16.09' W79°28.90'

DETROIT

1330 TPA-2130(800) NOTAM FILE BUF

RWY 13-31: 2750X60 (TURF)

RWY 13: P-line.

RWY 31: P-lines.

RWY 06-24: 1840X60 (TURF)

RWY 06: Tree.

RWY 24: P-lines.

AIRPORT REMARKS: Attended daylight hours. Extensive glider ops on and in vicinity of arpt. Ultralight activity on and

in vicinity of arpt.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

MECHANICVILLE**BURRELLO-MECHANICVILLE** (K27) 1 SE UTC-5(-4DT) N42°53.59' W73°40.11'NEW YORK
L-33B, 34I

195 NOTAM FILE BTV

RWY 14-32: 2600X21 (ASPH-GRVL)

RWY 14: Tree. RWY 32: Tree.

AIRPORT REMARKS: Unattended. Ultra/lt on and invof arpt. Rwy 32 first 500' excessive grass in cracks. Rwy 14-32 southeast 1800' asph, northwest 800' alternating gravel, turf and gravel. First 800' Rwy 14 grvl. 40' dropoff 16' from SE edge Rwy 32.

COMMUNICATIONS: CTAF 122.9**MIDDLESEX VALLEY** (4N2) 1 NW UTC-5(-4DT) N42°42.57' W77°16.53'

DETROIT

735 S2 FUEL 80, MOGAS NOTAM FILE BUF Not insp.

RWY 03-21: 2130X175 (TURF)

RWY 03: Trees. RWY 21: Trees.

AIRPORT REMARKS: Attended SR-SS. Rwy 03-21 marked with barrels at rwy ends. Rwy 03-21 +4' fence located along east rwy edge. Rwy 03-21 not plowed in winter.

COMMUNICATIONS: CTAF/UNICOM 122.7**COMM/NAV/WEATHER REMARKS:** Cinc del thru Buffalo Flight Services 1-888-766-8267.**MIDDLETOWN****RANDALL** (Ø6N) 2 SE UTC-5(-4DT) N41°25.91' W74°23.49'NEW YORK
L-33A, 34H
IAP

523 FUEL 100LL NOTAM FILE ISP

RWY 08-26: H2811X60 (ASPH) S-25 MIRL 0.6% up E

RWY 08: PAPI(P2L). Thld dsplcd 563'. Road.

RWY 26: PAPI(P2L). Ground.

AIRPORT REMARKS: Unattended. Call manager. Fuel avbl for based acft owners with special key. Heavy glider and hang glider activity on weekends and holidays. Ultra/lt in and around vicinity of arpt. Cranes 300' AGL 1 NM east AER 26. 200' safety area Rwy end 26. For MIRL and PAPI Rwy 08-26 call 845-343-5965. Thld lgts rgt of dsplcd thld covered when lgts are not on. Call arpt manager for rwy lgts at 845-343-5965. Rwy 08-26 surface treatment: single wheel strength is 12.5.

COMMUNICATIONS: CTAF/UNICOM 122.8

HUGUENOT RCO 122.1R 116.1T (NEW YORK RADIO).

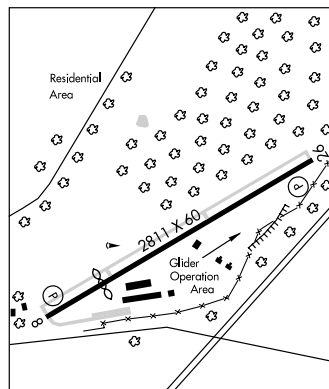
® NEW YORK APP/DEP CON 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HUGUENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58'

W74°35.50' 093° 9.1 NM to fld. 1300/11W.

OTIMS NDB (LOM) 353 MG N41°26.71' W74°17.46' 274° 4.6 NM to fld. NOTAM FILE MGJ.

**MIDLAKES** (See GORHAM)

MILLBROOK

SKY ACRES (44N) 6 SW UTC-5(-4DT) N41°42.45' W73°44.28'

NEW YORK
L-33B, 34I
IAP

698 S4 **FUEL** 100LL NOTAM FILE ISP
RWY 17-35: H3830X60 (ASPH) S-20 MIRL 1.3% up S
RWY 17: Trees. RWY 35: PAPI(P4L). Tree.

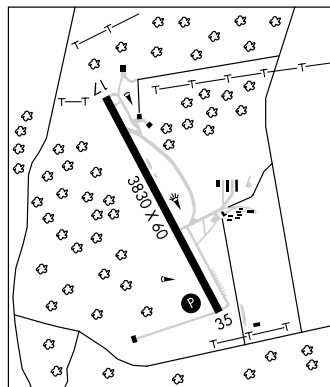
AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z+, Sat-Sun 1300-2130Z+. Self-svc fuel avbl 24 hrs. Rwy 17-35 safety areas have 30 ft dropoffs sloping 20 ft from thld at both ends. Parallel twy not lgtd. Rwy 35 PAPI OTS indef. ACTIVATE MIRL Rwy 17-35 and PAPI Rwy 35-122.8.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 068° 4.5 NM to fld. 580/12W. **HIWAS.**



MISSE N44°51.25' W74°54.95' NOTAM FILE MSS.

MONTREAL
L-32G

NDB (LOM) 278 MS 045° 5.8 NM to Massena Intl-Richards Fld. Unmonitored.

MOHAWK VALLEY (See SCOTIA)

MONGA N41°46.00' W74°51.65' NOTAM FILE MSV.

NEW YORK
L-33A, 34H

NDB (MHW/LOM) 359 MS 155° 4.9 NM to Sullivan Co. Intl.

MONTAUK (MTP) 3 NE UTC-5(-4DT) N41°04.59' W71°55.25'

NEW YORK
COPTER
L-33C
IAP

6 NOTAM FILE MTP

RWY 06-24: H3481X75 (ASPH) MIRL

RWY 06: Thld dsplcd 537'. Trees.

RWY 24: Thld dsplcd 457'. Dune. Rgt tfc.

AIRPORT REMARKS: Attended Apr-Oct dalglt hours, other times irregularly. Arpt CLOSED to helicopter ops SS-SR; PPR. Helicopters call for prior permission to lnd on ramp area. Arpt CLOSED to jet acft except PPR call arpt manager 631-668-3738. Deer occasionally on or in vicinity of arpt. Rwy 24 no touch and go. Rwy 06 has +18' brush along rwy edge 90' left and +26' pole 400' from thld 79' left. Rwy 24 has +21' brush along rwy edge 87' right. ACTIVATE MIRL Rwy 06-24-121.7. Landing fee.

COMMUNICATIONS: CTAF/UNICOM 122.7

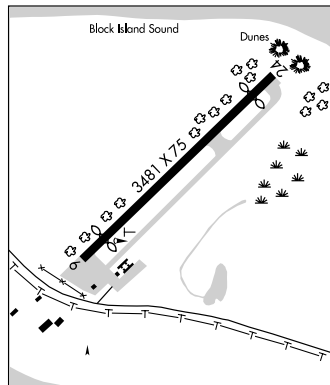
Ⓡ **NEW YORK APP CON** 125.975

Ⓡ **PROVIDENCE DEP CON** 125.75 (1045-0500Z+)

Ⓡ **BOSTON CENTER DEP CON** 124.85 (0500-1045Z+)

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40°55.14' W72°19.00' 075° 20.3 NM to fld. 22/13W. **HIWAS.**



**MONTGOMERY
ORANGE CO**

(MGJ) 1 SW UTC-5(-4DT) N41°30.60' W74°15.88'
364 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks
NOTAM FILE MGJ

RWY 03-21: H5007X100 (ASPH-CONC) S-30, D-57, DT-85 HIRL
RWY 03: REIL. VASI(V4L)—GA 3.0° TCH 52'. Thld dspcd 292'.
Trees.

RWY 21: REIL. PAPI(P2L)—GA 3.5°. Brush. Rgt tfc.

RWY 08-26: H3664X99 (ASPH-CONC) S-30, D-57, DT-85 MIRL
0.4% up E

RWY 08: PAPI(P2L)—GA 3.5°. Trees.

RWY 26: PAPI(P2L)—GA 3.5°. Thld dspcd 301'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1200-0000Z. Fuel avbl after hrs by credit card self-svc ramp. Be aware of large turbojet acft vicinity of Stewart arpt located 7 NM ESE. 800 ft hill ½ mile NW of arpt on downwind/base leg for Rwy 21. Noise abatement procedures in effect, ctc arpt manager 845-457-4925. ACTIVATE HIRL Rwy 03-21, MIRL Rwy 08-26, REIL Rwsy 03 and 21, VASI Rwy 03, and twy lgtS—CTAF. TPA—Single engine propeller acft 1400 (1035), twin engine/turbojet acft 1700 (1335)'. After landing 180° turns are prohibited. Rwy 03 nstd dspcd thld markings yellow. Rwy 26 nstd dspcd thld markings yellow. 23' stabilized shoulder each side of Rwy 03-21. 9' stabilized shoulder each side of Rwy 08-26.

WEATHER DATA SOURCES: ASOS 119.275 (845) 457-1486. SAWRS.

COMMUNICATIONS: CTAF/AUNICOM 122.725

HUGUENOT RCO 122.1R 116.1T (NEW YORK RADIO).

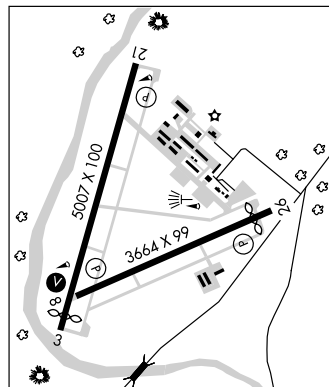
Ⓡ NEW YORK APP/DEP CON 132.75 CLNC DEL 123.85

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HUGUENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58' W74°35.50' 079° 15.9 NM to fld. 1300/11W.

OTIMS NDB (LOM) 353 MG N41°26.71' W74°17.46' 031° 4.1 NM to fld.

ILS 111.7 I-MGJ Rwy 03. LOM OTIMS NDB.



NEW YORK

H-101, 12J, L-33B, 34H
IAP

MONTICELLO

SULLIVAN CO INTL (MSV) 6 NW UTC-5(-4DT) N41°42.10' W74°47.70'

1403 B S3 FUEL 100LL, JET A Class IV, ARFF Index A NOTAM FILE MSV

NEW YORK

H-101, 12J, L-33A, 34H

RWY 15-33: H6300X150 (ASPH-GRVD) S-36, D-49, DT-74.5 HIRL 0.4% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dspcd 300'.

Trees.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dspcd 300'.

Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-6300 TODA-6300 ASDA-6000 LDA-5700

RWY 33: TORA-6300 TODA-6300 ASDA-6000 LDA-5700

AIRPORT REMARKS: Attended 1200-2200Z. Self-service 100LL fuel avbl 24 hrs daily. JET A fuel avbl 1300-2200Z; after hrs call 845-292-5811. Birds, coyote and deer on and invof arpt. PPR 24 hours for air carrier ops call arpt manager 845-583-6600. ACTIVATE HIRL Rwy 15-33, REIL Rwy 15 and Rwy 33, and twy lgtS—CTAF. PAPI Rwy 15 and Rwy 33 opr continuously. Ldg fee for acft over 8,000 pounds and all commercial acft regardless of weight.

WEATHER DATA SOURCES: AWOS-3 124.725 (845) 583-5056.

COMMUNICATIONS: CTAF/AUNICOM 122.8

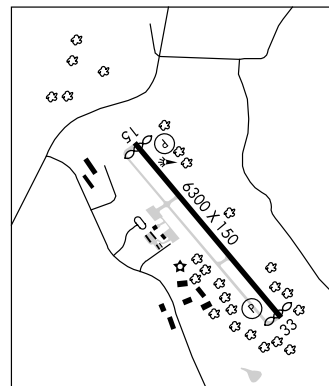
Ⓡ NEW YORK APP/DEP CON 132.75 CLNC DEL 121.6

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HUGUENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58' W74°35.50' 343° 19.8 NM to fld. 1300/11W.

MONGA NDB (MHW/LOM) 359 MS N41°46.00' W74°51.65' 155° 4.9 NM to fld.

ILS 109.1 I-MSV Rwy 15. Class IE LOM MONGA NDB BC unusable.



MOORES (See DEGRASSE)

NEELY N41°29.15' W74°13.68' NOTAM FILE SWF.

NDB (MHW/LOM) 335 SW 093° 5.7 NM to Stewart Intl.

NEW YORK

L-33B, 34H

NEWBURGH**STEWART INTL** (SWF) 3 NW UTC-5(-4DT) N41°30.25' W74°06.29'**NEW YORK**

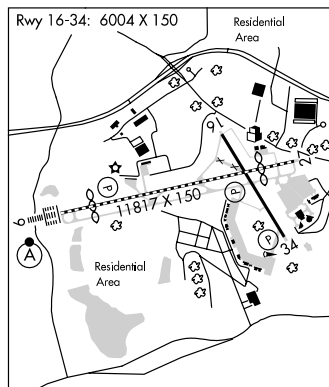
491 B S4 FUEL 100LL, JET A TPA—See Remarks LRA Class I, ARFF Index C H-101, 121, L-33B, 341

NOTAM FILE SWF

IAP, AD

Rwy 09-27: H11817X150 (ASPH-GRVD) S-85, D-175, ST-175, DT-350, DDT-775 HIRL CL**Rwy 09:** ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 66'. Thld dsplcd 2000'. Fence. 0.4% down.**Rwy 27:** REIL. PAPI(P4L)—GA 3.0°; TCH 55'. Thld dsplcd 2000'. Tree.**Rwy 16-34:** H6004X150 (ASPH-GRVD) S-120, D-190, ST-175, DT-350. DDT-800 MIRL 0.6% up NW**Rwy 16:** REIL. Trees.**Rwy 34:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****Rwy 09:** TORA-11818 TODA-11818 ASDA-10818 LDA-8818**Rwy 27:** TORA-11818 TODA-11818 ASDA-11818 LDA-9818**Rwy 16:** TORA-6006 TODA-6006 ASDA-6006 LDA-6006**Rwy 34:** TORA-6006 TODA-6006 ASDA-5606 LDA-5606**AIRPORT REMARKS:** Attended continuously. Be Aware—Extensive glider

activity 8 miles E of HUO VORTAC in a 5-mile radius. Dutchess County arpt located 3.3 NM SW. of Kingston VORTAC; do not mistake for Stewart Intl. Birds and deer on and invof arpt. Noise abatement procedures in effect ctc arpt mgr 914-564-7200. TPA for piston acft 1500(1009), jet acft 2500(2009), rotorcraft 1200(709). Avoid Orange Co. Arpt, lctd 7 NM WNW during VFR apchs. Rgt tfc on Rws 16 and 27 may be used for noise abatement. Twy B clsd to acft over 10,000 pounds. Twy H restricted to acft with wingspan 140' or less. Twys G and B in poor condition—cracked and spalled. 8' lgtd chain link parking lot fence 175' west of Twy C centerline between terminal building and Building 118. Twy C between Twy B and Twy F not visible from twr. Twy C restricted to acft with wingspan greater than 125' between Hangar B and Building 118. Acft with wingspan 172' or more require vehicle escort for all Twy C ops south of terminal apron. Call arpt ops 845-564-7200 ext 228. No jet training 0300-1200Z+. Rwy 09 touchdown, midfield, and rollout rwy visual range avbl. Rwy 09 midfield and rollout rwy visual range OTS indef. Rwy 09 sequence flashers OTS indef. Twy L, Twy M, Twy N edge lgts OTS indef. Compass calibration pad located on the Twy G runoff apron. Twy G clsd southwest of compass rose. User fee charged to all intl flights. Fee for acft over 10,000 lbs. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: ATIS 124.575 (845) 567-9311. **UNICOM** 122.95**(R) NEW YORK APP/DEP CON** 132.75**TOWER** 121.0 **GND CON** 121.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.**KINGSTON (L) VOR/DME** 117.6 IGN Chan 123 N41°39.93' W73°49.33' 245° 16.0 NM to fld. 580/12W. HIWAS.**NEELY NDB (MHW/LOM)** 335 SW N41°29.15' W74°13.68' 093° 5.7 NM to fld.**ILS** 110.1 I-SWF Rwy 09. Class IIE. LOM NEELY NDB. BC unusable.**ILS/DME** 109.95 I-JKH Chan 36Y Rwy 27. Class IB.**HELIPAD H1:** H40X40 (ASPH)**HELIPAD REMARKS:** Helipad located intersection Twy B and Twy C east of Twy C.**NEWFANE****HOLLANDS INTL FLD** (85N) 3 SW UTC-5(-4DT) N43°16.00' W78°46.07'**DETROIT**

360 NOTAM FILE BUF

Rwy NE-SW: 2875X75 (TURF)**Rwy NE:** Trees. **Rwy SW:** Trees.**AIRPORT REMARKS:** Unattended. Parachute Jumping. Parachute club uses arpt during Apr-Nov.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**NEW HOPE****MAUS MARINELAND SPB** (NKØ) 2 NE UTC-5(-4DT) N42°48.62' W76°18.65'**NEW YORK**

863 FUEL MOGAS NOTAM FILE BUF

WATERWAY 14-32: 15000X4000 (WATER)**WATERWAY 32:** Rgt tfc.**SEAPLANE REMARKS:** Attended Apr-Oct, Mon-Sat daylight hours. Mooring area is lgtd.**COMMUNICATIONS:** CTAF 122.9

NEW YORK N40°47.72' W73°06.01'
 FSS (ISP)
 RCO 122.6 122.2 (ISLIP RADIO)

NEW YORK
 L-338, 341

NEW YORK

EAST 34TH STREET HELIPORT (6N5) ØE UTC-5(-4DT) N40°44.56' W73°58.32'

NEW YORK
 COPTER

10 B FUEL JET A1 NOTAM FILE ISP

HELIPAD H1: H37X37 (ASPH-CONC) RWY LGTS (NSTD)

HELIPAD H1: Additional 7.5' to bulkhead.

HELIPAD H2: H44X44 (ASPH) RWY LGTS (NSTD)

HELIPAD H2: Additional 7.5' to bulkhead.

HELIPAD H3: H44X44 (ASPH) RWY LGTS (NSTD)

HELIPAD H3: Additional 7.5' to bulkhead.

HELIPAD H4: H44X44 (ASPH) RWY LGTS (NSTD)

HELIPAD H4: Additional 7.5' to bulkhead.

HELIPAD H-T: H44X44 (ASPH) RWY LGTS (NSTD)

HELIPAD H-T: Additional 7.5' to bulkhead.

HELIPORT REMARKS: Attended Mon-Fri 1300-0100Z†. Heliport CLOSED Sat and Sun. Located 4.3 SW of La Guardia Arpt. Bcn located above office trailer blo elevated highway. NX RAD weather system avbl. No late or early ops avbl. All ops over East River. IFR clnc LGA 1-718-779-7901. Call ahead for parking. Rwy H1 lgtd building and fence NW and SE, elevated highway and building to the west, fence and building to the north and south. River on the east side, sailboats and ferries possible rwy edge of pad. NSTD red perimeter lgts. Landing fee.

COMMUNICATIONS: CTAF/UNICOM 123.075

EVERS SPB (6N6) 12 NE UTC-5(-4DT) N40°50.76' W73°48.97'

NEW YORK
 COPTER

00 FUEL MOGAS NOTAM FILE ISP

WATERWAY ALL WAY: 5000X400 (WATER)

WATERWAY ALL: Boats.

SEAPLANE REMARKS: Attended April-Oct 1300-0000Z†. Dalgt ops only.

COMMUNICATIONS: CTAF 122.9

JOHN F KENNEDY INTL (JFK) 13 SE UTC-5(-4DT) N40°38.39' W73°46.74'

NEW YORK

13 B S4 FUEL 100LL, JET A OX 1, 3 LRA Class I, ARFF Index E NOTAM FILE JFK

COPTER

Rwy 13R-31L: H14572X150 (ASPH-CONC-GRVD) D-185, ST-175, DT-550, DDT-823

H-101, 121, L-33B, 34H

IAP, AD

HIRL CL

Rwy 13R: LDIN. VASI(V12)—GA 3.0° TCH 43'. Thld dsplcd 2604'.

Rgt tfc.

Rwy 31L: Thld dsplcd 3323'.

Rwy 04L-22R: H11351X150 (ASPH-CONC-GRVD) D-185, ST-175,

DT-550, DDT-823 **HIRL CL**

Rwy 04L: REIL. PAPI(P4L)—GA 3.0° TCH 72'.

Rwy 22R: Thld

dsplcd 2696'. Fence.

Rwy 13L-31R: H10000X150 (ASPH-GRVD) D-185, ST-175,

DT-550, DDT-823 **HIRL CL**

Rwy 13L: LDIN. ALSF2. TDZL. VASI(V12)—GA 2.75° TCH 66'. Thld

dsplcd 905'. Road. Rgt tfc.

Rwy 31R: MALSR. TDZL. Thld dsplcd 1030'.

Rwy 04R-22L: H8400X200 (ASPH-GRVD) D-185, ST-175, DT-550,

DDT-823 **HIRL CL**

Rwy 04R: ALSF2. TDZL.

Rwy 22L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 70'.

RUNWAY DECLARED DISTANCE INFORMATION

Rwy 04L: TORA-11351 TODA-11351 ASDA-11351 LDA-11351

Rwy 22R: TORA-11351 TODA-11351 ASDA-11351 LDA-8655

Rwy 04R: TORA-8400 TODA-8400 ASDA-8400 LDA-8400

Rwy 22L: TORA-8400 TODA-8400 ASDA-8400 LDA-8400

Rwy 13L: TORA-10000 TODA-10000 ASDA-10000 LDA-9095

Rwy 31R: TORA-10000 TODA-10000 ASDA-10000 LDA-8976

Rwy 13R: TORA-14572 TODA-14572 ASDA-14572 LDA-11966

Rwy 31L: TORA-14572 TODA-14572 ASDA-14572 LDA-11248

ARRESTING GEAR/SYSTEM

Rwy 04R: EMAS 392'X226'

Rwy 22L: EMAS 405'X227'

AIRPORT REMARKS: Special Air Traffic Rules—Part 93 High Density Arpt. Prior reservation required. See Aeronautical Information Manual. Attended continuously. Para-Sail and banner towing ops 1000 ft and blo in upper and lower New York bays including Rockaway inlet indef. For noise restrictions call 212-435-3685 during normal business hours. Flocks of birds on and invof arpt. Rwy 22L ALSF2 NSTD lgt spacing. Rwy 22L PAPI horizontal offset 4° to left. Rwy 13L VASI unusable left side centerline. Lead-in Rwy 13L uses the 1000 ft light station of the approach light system only with CRI VOR approaches and is angled toward AQUEDUCT. Also 5 sequence flashing lgts from 1200 ft-2000 ft and a 5 sequence flashing lgts grouping approximately 1 mile from rwy plus 1 adjacent forming an approach gate are angled 35° south of Rwy 13L centerline designed to provide earlier ident of rwy environment. Lefferts Sections of Rwy 13L Lead-in system consists of 27 flashing lgts located 2500 ft to 3000 ft from Rwy 13L thld consists of six sequenced flashing lgts spaced 100 ft apart. Lgts monitored by ATCT. Coded transponder required. General aviation tfc ctc arpt ops on UNICOM for parking directions. General Aviation: non based charter and non based commercial aircraft operators must make arrangements for fuel prior to arrival call 718-244-4111. Rwy 04L touchdown, midfield and rollout rwy visual range avbl. Rwy 22R touchdown, midfield and rollout rwy visual range avbl. Rwy 13L touchdown, midfield and rollout rwy visual range avbl. Rwy 31R touchdown, midfield and rollout rwy visual range avbl. ASDE-X surveillance system in use, pilots should operate transponders with MODE-C on all twys and rwys. Acft prohibited in the runup block areas at Twy Z. To be used for turn around only. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices-Intersection Departures During Period of Darkness.

WEATHER DATA SOURCES: ASOS (718) 656-0956. LLWAS.

COMMUNICATIONS: D-ATIS ARR 128.725 D-ATIS ARR-SW 115.4 D-ATIS ARR-NE 117.7 D-ATIS DEP 115.1 (718) 995-8188.

UNICOM 122.95

KENNEDY RCO 122.1R 115.9T (NEW YORK RADIO)

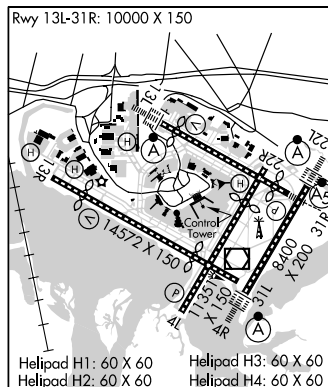
① **NEW YORK APP CON** 127.4 134.35 132.4 126.8 123.7

KENNEDY TOWER 119.1 (Rwys 04R-22L and 13L-31R) 123.9 (Rwy 04L-22R and 13R-31L)

GND CON 121.9 121.65 **CLNC DEL/PRE TAXI CLNC** 135.05 **GATE HOLD** 125.05

① **NEW YORK DEP CON** 135.9 134.35 124.75 123.7

AIRSPACE: CLASS B See VFR Terminal Area Chart.



CONTINUED ON NEXT PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

KENNEDY (H) VOR/DME 115.9	JFK	Chan 106	N40°37.97' W73°46.28'	at fld. 11/12W.
CANARSIE (T) VOR/DME 112.3	CRI	Chan 70	N40°36.75' W73°53.67'	084° 5.5 to fld. 10/11W.
ILS/DME 109.5	I-JFK	Chan 32	Rwy 04R.	Class IIIIE. DME also serves Rwy 22R.
ILS/DME 110.9	I-IWY	Chan 46	Rwy 22L.	
ILS/DME 110.9	I-HIQ	Chan 46	Rwy 04L.	Class IE.
ILS 111.35	I-MOH	Rwy 31L.	Class IT.	
ILS/DME 109.5	I-JOC	Chan 32	Rwy 22R.	(LOC only). DME also serves Rwy 04R.
ILS 111.5	I-RTH	Chan 52	Rwy 31R.	LOC unobscured byd 15° left side of course.
ILS 111.5	I-TLK	Chan 52	Rwy 13L.	Class IIE. LOC unobscured byd 11 DME.

COMM/NAV/WEATHER REMARKS: Use CAUTION for possible radio interference or false instructions on twr frequencies.

HELIPAD H1: H60X60 (ASPH)

HELIPAD H2: H60X60 (ASPH) PERIMETER LGTS

HELIPAD H3: H60X60 (ASPH) PERIMETER LGTS

HELIPAD H4: H60X60 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 dalgt hrs only. Helipad H1 located on Twy SC adjacent to Twy R. Helipad H2 located on Twy EA between Twys A and B. Helipad H3 located at Bldg 145 general aviation terminal ramp. Helipad H4 located NW end of Twy Q adjacent to Hanger 19.

WORTHINGTON MUNI (OTG) 2 N UTC-6(-5DT) N43°39.30' W95°34.75'

OMAHA

H-5C, L-121

IAP

1574 B S2 FUEL 100LL, JET A NOTAM FILE OTG

RWY 11-29: H5499X100 (ASPH-GRVD) S-44, D-60 HIRL

RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Trees.

RWY 29: MALSR. PAPI(P4L)—GA 3.0° TCH 43'.

RWY 17-35: H4198X100 (ASPH-GRVD) S-44, D-60 MIRL

RWY 17: REIL. VASI(V4L)—GA 3.0° TCH 26'. **RWY 35:** REIL.

VASI(V4L)—GA 3.0° TCH 34'.

AIRPORT REMARKS: Attended Mon-Fri 1400-2300Z†. For svc call 537-376-9293, after hrs call 507-360-9959. Self service fuel with credit card. Rwy 17-35 alligator cracking. HIRL Rwy 11-29 preset on low ints, to increase ints and ACTIVATE MIRL Rwy 17-35, REIL Rwy 11, Rwy 17, and Rwy 35, PAPI Rwy 11, Rwy 29, and VASI Rwy 17 and Rwy 35, MALSR Rwy 29—CTAF.

WEATHER DATA SOURCES: AWOS-3 110.6 OTG (507) 376-9441.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 123.6R 122.1R 110.6T (PRINCETON RADIO)

MINNEAPOLIS CENTER APP/DEP CON 132.05

AIRSPACE: CLASS E svc Mon-Fri 1200-1700Z† and 2100-0100Z†, Sat 1200-1700Z†, Sun 2100-0100Z† other times Class G.

RADIO AIDS TO NAVIGATION: NOTAM FILE OTG.

(L) VOR/DME 110.6 OTG Chan 43 N43°38.82' W95°34.92' at fld. 1571/8E. AWOS-3.

VOR unusable:

031°-049° byd 25 NM

269°-008° byd 15 NM blo 7000'.

096°-135° byd 15 NM blo 8000'

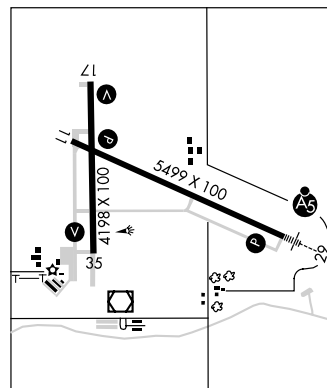
DME portion unusable:

120°-220° byd 30 NM blo 3,500'

220°-305° byd 30 NM blo 4,000'.

WONDD NDB (LOM) 277 OT N43°37.04' W95°27.84' 287° 5.5 NM to fld. OTS indef.

ILS 111.7 I-OTG Rwy 29. LOM WONDD NDB. OM WONDD OTS indef. GS unusable for coupled approaches blo 1770' MSL.



PORT AUTHORITY-DOWNTOWN-MANHATTAN/WALL STREET HELIPORT (JRB) 3 SE UTC-5(-4DT) **NEW YORK**

N40°42.07' W74°00.54'

COPTER

7 NOTAM FILE ISP

HELIPAD H1: H62X62 (CONC) S-50 PERIMETER LIGHTS

HELIPORT REMARKS: Attended Mon-Fri 1200-0000Z, Sat-Sun on call. Attendance after hours Mon-Fri holiday and weekend schedules requires 24 hours notice call 212-248-7240. Birds on and invof heliport. 100' cranes operating near USCG Ferry Slip. Boats may navigate in water along heliport pier. No fits or apchs over FDR drive, two-way radio required. 12 helicopter parking spaces with additional transient positions avbl. Fire protection foam system on site. Landing fee.

WEATHER DATA SOURCES: AWOS-3 128.175 (212) 425-1534.**COMMUNICATIONS:** CTAF/UNICOM 123.05

WEST 30TH ST HELIPORT (JRA) 0 N UTC-5(-4DT)
NEW YORK

N40°45.27' W74°00.43'

COPTER

7 FUEL JET A NOTAM FILE ISP

HELIPAD H1: H44X44 (ASPH) S-6**HELIPAD H1:** Rgt tfc.**HELIPAD H2:** H44X44 (ASPH) S-6**HELIPAD H2:** Rgt tfc.**HELIPAD H3:** H44X44 (ASPH)**HELIPAD H4:** H44X44 (ASPH)**HELIPAD H5:** H37X37 (ASPH)**HELIPAD H6:** H37X37 (ASPH)**HELIPAD H7:** H37X37 (ASPH)**HELIPAD H8:** H44X44 (ASPH)**HELIPAD H9:** H44X44 (ASPH)**HELIPAD H10:** H44X44 (ASPH)**HELIPAD H11:** H44X44 (ASPH)

HELIPORT REMARKS: Attended continuously. North and south finger pier pads are CLOSED. +40' lgts located at south end of heliport. +10' fencing located along east edge of heliport and between ldg spots 2 and 3. All tkfs and ldgs made over Hudson River. Fire alarm box to nearby firehouse located at facility. All helipads, Rwy H-1 to H-11 circular. H-8 marked as H-A. H-9 marked as H-13. H-10 marked as H-C. H-11 marked as H-D. Helipad H3 no ingress/egress over 12th Avenue. Parking available. Helipad H1 perimeter lgts.

COMMUNICATIONS: CTAF/UNICOM 123.05

NIAGARA FALLS INTL (IAG)(K)IAG CIV/MIL/AFRC/ANG 4 E UTC-5(-4DT) N43°06.44' W78°56.77' **DETROIT**

589 B S2 **FUEL** 100LL, JET A LRA ARFF Index—See Remarks

H-10H, 11B, L-31E

NOTAM FILE IAG

IAP, DIAP, AD

RWY 10L-28R: H9829X150 (ASPH-CONC-GRVD) S-75, D-140,

DT-240, DDT-800 PCN 38 R/B/W/T

HIRL

RWY 10L: VASI(V4L)—GA 3.0° TCH 53'. Thld dspcd 700'. Tree.

RWY 28R: MALSR. Tree.

RWY 06-24: H5189X150 (ASPH) S-60, D-70, DT-100, ST-110,

TT-145, SBTT-281, TDT-415, TRT-252

PCN 24 F/D/Y/T MIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 48'. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 36'. Tree.

RWY 10R-28L: H3973X75 (ASPH) S-12.5, D-25

PCN 10 F/C/Y/T MIRL

RWY 10R: REIL. PAPI(P2L)—GA 3.3° TCH 31'. Tree.

RWY 28L: REIL. PAPI(P2L)—GA 3.1° TCH 30'. Stack.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5189 TODA-5189 ASDA-5189 LDA-5189

RWY 24: TORA-5189 TODA-5189 ASDA-5189 LDA-5189

RWY 10L: TORA-9829 TODA-10829 ASDA-9829 LDA-9129

RWY 28R: TORA-9829 TODA-10529 ASDA-9129 LDA-9129

RWY 10R: TORA-3973 TODA-3973 ASDA-3973 LDA-3973

RWY 28L: TORA-3973 TODA-3973 ASDA-3973 LDA-3973

MILITARY SERVICE: JASU 2(A/M32A-86) 1(AM32A-60) 1(MA-1A) **FUEL** J8(Mil) A, A+ (Niagara Falls Aviation doing business as Tech Aviation, C716-298-9307.) **FLUID** SP LOX

OIL O-148(Mil)

AIRPORT REMARKS: Attended continuously. CAUTION: Heavy concentrations of gulls, blackbirds, starlings up to 5000'

AGL on and in/ov arpt. Class I, ARFF Index B. ARFF Index E equipment coverage provided. Acft with seating capacity in excess of 30 passenger authorized only use of Rwy 10L-28R. Extensive aircraft activity operating in/ov US/Canadian falls all altitudes. Night vision device ops periodically conducted in the arpt t/c area. Military assault landing zone and basic markings with aiming points Rwy 06. Military assault landing zone and basic markings with aiming points Rwy 24. Rwy 28 rollout end of rwy—last 900' not grvd. Twy E clsd indef from Rwy 10L-28R to Rwy 06-24. Twy E restricted to 12,500 pounds or less. Twy E pavement spalling between Twy C and Twy D. Twy E clsd permanently b/n Twy C and Twy D. When twr clsd ACTIVATE MALSR Rwy 28R HIRL 10L-28R, MIRL Rwy 06-24, MIRL Rwy 10R-28L, REIL and PAPI Rwy 06, Rwy 24, Rwy 10R, and Rwy 28L and twy lgts—CTAF. SSALR Rwy 28R preset med ints. Ldg fee. Parking fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Recommended VFR Flight Procedures.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** All military acft opr rstd during Bird Watch Condition Moderate (tkf and ldg permission only when dep/arr route avoids identified bird activity, no local IFR/VFR t/c pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), etc Comd Post for current Bird Watch Condition. **CSTMS/AG/IMG** Avbl for all Mil with 72 hr prior notice. Crew, passenger, cargo origin, destination and pre-cleared information rqr 1 hr prior ldg. Ctc 914th OSF, SSI/OSA DSN 238-2176, C717-236-2176, fax DSN 238-2380, C716-236-2380 for rstd information and rqr ppr. **MISC** Local mission acft have priority for de-icing; full acft de-icing for C-17 and C-5 acft not avbl. All military acft only minimal classified materials avbl, aircrews should arrive with appropriate amount to complete their mission. For current Mil Rwy Condition Reading (RCR) call or ctc 914 AW comdpost, 914 AW base ops, or 107 ANG comd post. **AFRC** PPR ctc Base OPS DSN 238-2176 during normal duty hrs Mon-Fri 1215-2100Z† except holidays, and Unit Training Assembly (UTA). Base OPS svc Sun 1230-2130Z†, Mon-Fri 1200-0400Z† (except Federal holidays), clsd Sat except 914 AW UTA. Minimum altitude over Niagara Falls scenic falls is 3500'. No fleet svc avbl. **ANG** PPR, ctc 107th Comd Post DSN 238-3470 during normal duty hrs weekdays 1200-2130Z†, except holidays.

WEATHER DATA SOURCES: ASOS (C 716) 297-6984.

COMMUNICATIONS: CTAF: 118.5 ATIS 120.8 269.4 **UNICOM** 122.95 **PTD** (HORSESHOE) 371.25

Ⓡ **BUFFALO APP DEP/CON** 126.5 317.6

TOWER 118.5 349.0 (1200-0400Z†) **GND CON** 121.7 257.8 **CLNC DEL** 119.25 251.1

914 AG COMD POST (CARBONATE) 340.025 **ANG OPS** (FUZZY) 261.9

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS E.

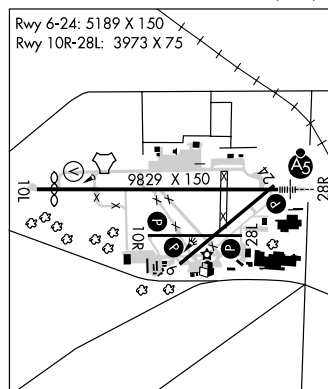
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 317° 17 NM to fld. 730/8W.

(T) **TACAN** Chan 47 IAG (111.0) N43°06.75' W78°57.61' at fld. 600/10°W.

KATHI NDB (LOM) 329 IA N43°06.54' W78°50.30' 279° 4.7 NM to fld. Unmonitored when twr clsd.

ILS 110.1 I-IAG Rwy 28R. Class IE. LOM **KATHI NDB**. Unmonitored when twr clsd.



NORTH BUFFALO SUBURBAN (See LOCKPORT)

NORWICH**LT. WARREN EATON** (OIC) 2 N UTC-5(-4DT) N42°33.99' W75°31.45'**NEW YORK**

1025 B S4 FUEL 100LL, JET A OX 4 NOTAM FILE OIC

L-32F

RWY 01-19: H4724X75 (ASPH-GRVD) S-30 HIRL 0.3% up N

IAP

RWY 01: REIL. PAPI(P2L)—GA 4.0° TCH 40'.

RWY 19: REIL. PAPI(P2L)—GA 3.00° TCH 38'. Thld displaced 440'.
Trees.**RUNWAY DECLARED DISTANCE INFORMATION**

RWY 01: TORA-4724 TODA-4724 ASDA-4390 LDA-4205

RWY 19: TORA-4724 TODA-4724 ASDA-4539 LDA-4205

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z, Sat-Sun1300-2100Z. CLOSED Christmas. Geese and deer on and in/ov
arpt. Rwy 19 has 15 ft dropoff 30 ft from thld on west side. Rwy
safety areas have depressions in surface. ACTIVATE HIRL Rwy
01-19, PAPI and REIL Rwy 01 and Rwy 19—CTAF. South parallel
twy not lgtd. Overnight tie-down fee.**WEATHER DATA SOURCES:** AWOS-3 119.025 (607) 336-8583.**COMMUNICATIONS:** CTAF/UNICOM 122.8

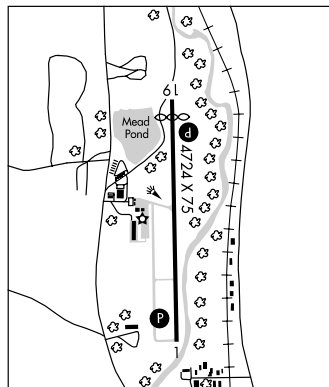
ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)

BOSTON CENTER APP/DEP CON 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98'

W75°14.35' 307° 14 NM to fld. 2032/11W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**OGDENSBURG INTL** (OGS) 2 SE UTC-5(-4DT) N44°40.91' W75°27.93'**MONTREAL**

297 B FUEL 80, 100LL, JET A AOE Class II, ARFF Index A NOTAM FILE OGS

H-11C, 12J, L-32G

RWY 09-27: H5200X150 (ASPH-GRVD) S-44, D-50, DT-77 HIRL

IAP

RWY 09: VASI(V4L)—GA 3.0° TCH 39'. Tree.

RWY 27: MALS. VASI(V4L)—GA 3.0° TCH 52'. Tree.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z. For attendant
after 2130Z call 315-393-1022. Self service 100LL avbl 24 hrs
daily. Birds and deer on or in/ov arpt. ACTIVATE HIRL Rwy 09-27,
MALS Rwy 27, VASI Rwy 09 and 27, and twy lgts—CTAF. PPR 24
hours for air carrier ops with more than 30 passenger seats; call
arpt manager 315-393-4721. Ldg fee. Flight Notification Service
(ADCUS) available.**WEATHER DATA SOURCES:** AWOS-3 118.525 (315) 393-8982.**COMMUNICATIONS:** CTAF/UNICOM 122.8

OGDENSBURG RCO 122.4 (BURLINGTON RADIO)

BOSTON CENTER APP/DEP CON 135.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

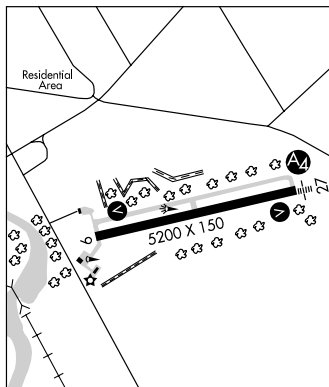
MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.86'

W74°43.36' 261° 34.7 NM to fld. 200/14W. HIWAS.

OGIVE NDB (LOM) 358 OG N44°42.09' W75°21.18' 269° 5.0
NM to fld. Unmonitored.

ILS/DME 110.7 I-OGS Chan 44 Rwy 27. LOM OGIVE

NDB. LOC only. LOC and LOM unmonitored.

**OGIVE** N44°42.09' W75°21.18' NOTAM FILE OGS.

NDB (LOM) 358 OG 269° 5.0 NM to Ogdensburg Intl. Unmonitored.

OLCOTT-NEWFANE (D80) 2 SW UTC-5(-4DT) N43°19.25' W78°43.74'**DETROIT**

315 B S4 FUEL 80, 100LL, MOGAS NOTAM FILE BUF

RWY 06-24: 2408X30 (TURF-GRVL) LIRL

RWY 06: Trees. RWY 24: Brush.

RWY 09-27: 2500X60 (TURF)

RWY 09: Trees. RWY 27: Building.

AIRPORT REMARKS: Attended daltg hours. Arpt CLOSED indef. Ultralight activities on arpt.P-line off end of Rwy 24 and 27; +35 ft high as close as 250 ft from rwy end on centerline. Rwy 06-24 has
loose aggregate. ACTIVATE LIRL Rwy 06-24—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.7**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.

OLEAN N42°17.01' W78°20.10' NOTAM FILE OLE.
 NDB (MHW) 360 LYS 222° 3.0 NM to Cattaraugus Co-Olean. NDB unusable byd 15 NM. SHUTDOWN.

DETROIT

L-301

OLEAN

CATTARAUGUS COUNTY-OLEAN (OLE) 10 N UTC-5(-4DT) N42°14.48' W78°22.28'

DETROIT

2135 B FUEL 100LL, JET A NOTAM FILE OLE

L-301

RWY 04-22: H4800X100 (ASPH-GRVD) S-45, D-50, DT-46 HIRL 0.4% up SW

IAP

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Thld dsplcd 100'.

RWY 22: REIL. PAPI(P4L) TCH 40'. Thld dsplcd 200'. Trees.

RWY 16-34: 2135X100 (TURF) 0.8% up NW

RWY 16: Tree. RWY 34: Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-4800 TODA-4800 ASDA-4600 LDA-4500

RWY 22: TORA-4800 TODA-4800 ASDA-4700 LDA-4500

AIRPORT REMARKS: Attended 1300-2100Z†. Arpt CLOSED holidays.

Deer on and in/ov arpt. Terrain drops off on all rwy ends. Rwy 04

250'x250' safety area. Rwy 22 225' wide x 110' safety area.

Airfield pavement rutting and cracking on the airport apron areas.

Rwy 16-34 has reflective edge and thld markings. Rwy 16-34

CLOSED winter months; soft in spring. ACTIVATE HIRL Rwy 04-22

and REIL and PAPI Rws 04 and 22—CTAF. Snow plowing and

braking action and field condition reports not avbl when arpt is not attended.

WEATHER DATA SOURCES: AWOS-3 118.375 (716) 557-2001.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEVELAND CENTER APP/DEP CON 124.325

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

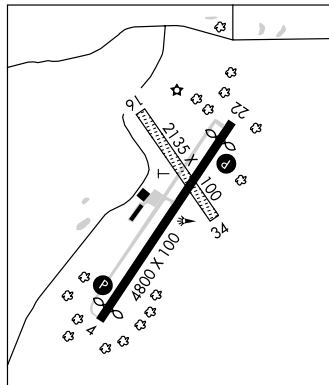
WELLSVILLE (L) VORTAC 111.4 ELZ Chan 51 N42°05.38' W77°59.97' 302° 19 NM to fld. 2296/09W.

OLEAN NDB (MHW) 360 LYS N42°17.01' W78°20.10' 222° 3.0 NM to fld. NOTAM FILE OLE.

NDB unusable byd 15 NM. SHUTDOWN.

ILS 109.3 I-OLE Rwy 22. LOC only.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



GIERMEK EXECUTIVE (8G3) 2 SE UTC-5(-4DT) N42°04.12' W78°24.27'

DETROIT

1420 NOTAM FILE BUF

RWY 10-28: 3150X80 (TURF)

RWY 10: Trees. RWY 28: Trees.

AIRPORT REMARKS: Attended Mon-Fri 2200-0100Z†, Sat-Sun 1300-2100Z†. Deer crossing evenings. Rwy not snow

plowed. Call 716-307-8966 or 716-307-3581 for conditions. Rwy 10-28 1-2' deep depression/rut located

50' from beginning of Rwy 10 rgt of centerline across rwy. Rwy 10-28 width varies 80-100'. Rwy 10-28 edges

marked with white cones. Arpt CLOSED nights.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

ONEONTA MUNI (N66) 3 N UTC-5(-4DT) N42°31.49' W75°03.87'

NEW YORK

1763 B S4 FUEL 100LL, JET A NOTAM FILE BUF

L-326, 33A

RWY 06-24: H4200X75 (ASPH) S-12 MIRL 0.3% up SW

IAP

RWY 06: REIL. VASI(V4R)—GA 3.0° TCH 55'. Tree.

RWY 24: MALS. REIL. PAPI(P2L). Trees.

AIRPORT REMARKS: Attended 1300-2200Z†. Bcn twr partially obscured by trees. Rwy 06-24 large loose aggregate, spalling and cracking. 3 to 4" cracks. Rwy 24 REIL OTS indef. ACTIVATE REIL Rwy 06-24, VASI Rwy 06, PAPI Rwy 24, and MALS Rwy 24-122.8. MIRL Rwy 06-24 opr SS-SR.

WEATHER DATA SOURCES: AWOS-3 119.575 (607) 643-0253.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)

BOSTON CENTER APP/DEP CON 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98'

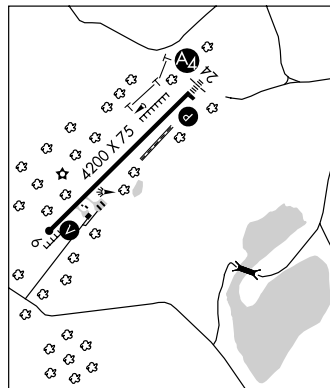
W75°14.35' 077° 8.5 NM to fld. 2032/11W.

KRING NDB (LOM) 279 OZ N42°35.08' W74°59.18' 236° 5.0 NM to fld.

ILS 108.9 I-OZX Rwy 24 LOM KRING NDB. LOC only. LOC unusable 0.6 NM inbound to thld.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services

1-888-766-8267.



ORANGE CO (See MONTGOMERY)

ORCHY N40°51.98' W73°48.21' NOTAM FILE LGA.

NDB (LOM) 385 UR 222° 6.2 NM to La Guardia. Unusable 140°-210° beyond 11 NM.

OSWEGO CO (See FULTON)

OTIMS N41°26.71' W74°17.46' NOTAM FILE ISP.

NDB (LOM) 353 MG 031° 4.1 NM to Orange Co.

OVID (D82) 2 SE UTC-5(-4DT) N42°39.29' W76°47.78'

NEW YORK

1062 NOTAM FILE BUF

RWY 01R-19L: 2800X40 (ASPH-GRVL)

RWY 01R: Trees. RWY 19L: Trees.

RWY 01L-19R: 2200X60 (TURF)

RWY 01L: Trees. RWY 19R: Trees.

AIRPORT REMARKS: Attended Apr-Nov dawn-dusk, Dec-Mar call arpt manager at 607-869-5601. Parachute Jumping.

Arpt CLOSED to transient acft 1 Dec-1 May (yearly). Turf Rwy 19R thld begins 470' byd paved Rwy 19L thld. Rwy 01L-19R soft and wet Mar-Jun. Use Rwy 19L for calm wind lds. Rwy 19L slopes uphill.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

PAWLING N41°46.19' W73°36.03' NOTAM FILE ISP.

NEW YORK

(L) VOR/DME 114.3 PWL Chan 90 246° 27.1 NM to Stewart Intl. 1250/12W.

H-101, L-33B, 341

PENN YAN (PEO) 1 S UTC-5(-4DT) N42°38.23' W77°03.17'

990 B S4 FUEL 100LL, JET A OX 2 NOTAM FILE PEO

RWY 01-19: H5500X100 (ASPH) S-45, D-60 MRL 1.3% up S

RWY 01: REIL. PAPI(P2L). RWY 19: REIL. PAPI(P2L). Tree.

RWY 10-28: H3561X50 (ASPH) S-12 LIRL 1.6% up E

RWY 10: Thld dsplcd 361'. Road.

RWY 28: Thld dsplcd 384'. Berm.

AIRPORT REMARKS: Attended Mon-Fri 1200-0500Z, Sat

1400-2100Z, Sun irregularly. ACTIVATE MRL Rwy 01-19-CTAF.

WEATHER DATA SOURCES: ASOS 121.175 (315) 536-4102.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ ELMIRA APP/DEP CON 124.3 (1100-0500Z)

CLEVELAND CENTER APP/DEP CON 127.475 (0500-1100Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

ITHACA (L) VOR/DME 111.8 ITH Chan 55 N42°29.70'

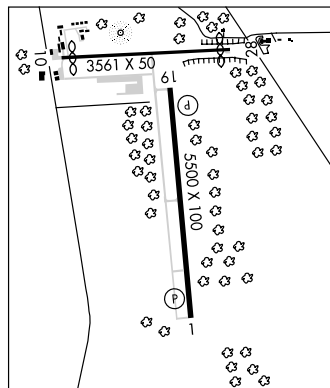
W76°27.60' 298° 27.6 NM to fld. 1102/10W.

NDB (MHW) 260 PYA N42°38.64' W77°03.37' at fld. NOTAM

FILE PEO. Unmonitored.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services

1-888-766-8267.



DETROIT

H-11C, 12I, L-30I, 32F

IAP

PERRY-WARSAW (Ø1G) 3 NW UTC-5(-4DT) N42°44.48' W78°03.13'

1559 B S4 FUEL 100LL TPA-2350(791) NOTAM FILE BUF

RWY 10-28: H3500X60 (ASPH) MRL

RWY 10: REIL. Brush.

RWY 28: REIL. Thld dsplcd 355'. Tree.

RWY 04-22: 1830X60 (TURF)

AIRPORT REMARKS: Attended irregularly. Fuel avbl 24 hrs self serve and credit card only. First 700 ft Rwy 10 slopes

uphill. Rwy 28 200 ft from thld has 8 ft dropoff both sides. Rwy 04 safety area drops off 100' before rwy

beginning, at 125' left and right of centerline. Rwy 04-22 soft and wet during Mar-Jun. Rwy 04-22 safety area

has variations in surface/depressions. Rwy 22 36' + trees penetrate primary surface on right side 80' past rwy

beginning, 120' from centerline. Rwy 04 52' + trees penetrate primary surface on right side 265' past rwy

beginning, 108' from centerline. ACTIVATE MRL Rwy 10-28 and REIL Rwy 10 and 28-CTAF. Parallel twy

unltd. Turf Rwy 04-22 may be unusable during months Oct-May; call 716-237-9938 for condition.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESE0 (L) VOR/DME 108.2 GEE Chan 19 N42°50.06' W77°43.97' 258° 15.2 NM to fld. 990/09W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT

L-30I, 31E, 32F

PHILMONT N42°15.19' W73°43.40' NOTAM FILE BTV.

NDB (MHW) 272 PFH 027° 2.4 NM to Columbia Co.

NEW YORK

L-33B, 34I

PINE HILL (See ALBION)

PISECO (K09) 1 N UTC-5(-4DT) N43°27.20' W74°31.06'

NEW YORK

1703 FUEL 100LL NOTAM FILE BUF

L-326

RWY 04-22: H3015X60 (ASPH) S-8 MIRL

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc. Road.

RWY 22: REIL. PAPI(P2R). Trees.

AIRPORT REMARKS: Attended 1300-2200Z±. Airport unattended Nov-Apr. Seagulls, deer, bears occasionally invov rwy during summer months. Expect turbulence and downdrafts during periods of strong crosswinds. Area not maintained for ski equipped acft. Rwy 04-22 may be unusable due to snow accumulation Nov-Apr. Check NOTAMS or call 518-548-3415/6459/8794 for airfield conditions. Acft departing Rwy 22 are requested to maintain rwy heading until past Island checkpoint, prior to making left turn. Acft arriving maintain rgt downwind heading until past Island checkpoint. ACTIVATE MIRL Rwy 04-22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22 and helipad perimeter lgts—CTAF. Rwy lgts (electric eye over-ride).

COMMUNICATIONS: CTAF/UNICOM 122.8

UTICA RCO 122.65 122.2 122.1R 111.2T (BUFFALO RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE UCA.

UTICA (L) VORTAC 111.2 UCA Chan 49 N43°01.59'

W75°09.87' 060° 38.2 NM to fld. 1420/12W.

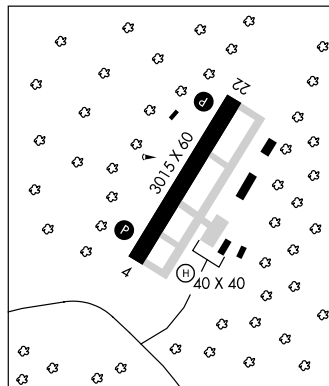
COMM/NAV/WEATHER REMARKS: Clncl del thru Flight Services 1-888-766-8267.

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HELIPAD H1: H40X40 (ASPH)

HELIPAD H1: LDIN.

HELIPORT REMARKS: Helipad H1 perimeter lgts

**PLATEAU SKY RANCH** (See EDINBURG)**PLATTSBURGH** N44°41.10' W73°31.36' NOTAM FILE PBG.

MONTREAL

(H) VORTAC 116.9 PLB Chan 116 at Clinton Co. 343/15W.

H-11C, 12K, L-326

VOR portion unusable:

160°-176° byd 15 NM blo 4000'

350°-355° byd 15 NM blo 4000'

160°-176° byd 28 NM all altitudes

DME unusable:

025°-050° byd 30 NM blo 4000'

331°-350° byd 20 NM blo 8000'

250°-330° byd 25 NM blo 8000'

RCO 122.1R 116.9T (BURLINGTON RADIO)

PLATTSBURGH INTL (PBG) 3 S UTC-5(-4DT) N44°39.06' W73°28.09'

MONTREAL

234 B FUEL 100LL, JET A TPA-2034(1800) ARFF Index—See Remarks

H-11C, 12K, L-326

NOTAM FILE PBG

IAP, AD

RWY 17-35: H11758X200 (CONC-GRVD) S-119, D-174, ST-175, DT-510, DDT-780 HIRL

RWY 17: ALSF1. REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree. Rgt tfc. 0.8% down.

RWY 35: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Tree. 0.5% up.

AIRPORT REMARKS: Attended 1030-0230Z±. Fld/rwy condition not avbl during unattended periods. During periods of snow removal ops Nov 1-May 1 acft ctc 122.7 or 518-565-4015/4016 15 min prior to ldg. Class I, ARFF Index A PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats. Call arpt manager at 518-565-4794. ARFF index B coverage avbl upon request, ctc arpt manager. Acft arriving or departing PBG must announce intentions on CTAF. Expect downdrafts and turbulence during periods of strong cross winds. Rwy 17 sequence flashing lgts OTS indef. ACTIVATE HIRL Rwy 17-35, ALSF1 Rwy 17, MALSR Rwy 35 REIL Rwy 17, and twy lgts—CTAF. Landing fee. No landing fee for government acft.

WEATHER DATA SOURCES: ASOS 132.225 (518) 324-5207.**COMMUNICATIONS:** CTAF/UNICOM 122.7

Ⓡ BURLINGTON APP/DEP CON 121.1 (1045-0500Z±) CLNC DEL 121.85

Ⓡ BOSTON CENTER APP/DEP CON 120.35 (0500-1045Z±)

RADIO AIDS TO NAVIGATION: NOTAM FILE PBG.

(H) VORTAC 116.9 PLB Chan 116 N44°41.10' W73°31.36' 146° 3.1 NM to fld. 343/15W.

ILS/DME 109.7 I-FQV Chan 34 Rwy 35. Class IE.

PLAZZ N42°52.43' W78°48.99' NOTAM FILE BUF.

DETROIT

NDB (LOM) 204 GB 052°5.5 NM to Buffalo Niagara Intl.

L-31E

PORT AUTHORITY-DOWNTOWN-MANHATTAN/WALL STREET HELIPORT (See NEW YORK)

PORT WASHINGTON**SANDS POINT SPB** (7N3) 2 NW UTC-5(-4DT) N40°50.26' W73°42.97'**NEW YORK
COPTER**

00 NOTAM FILE ISP

WATERWAY 01-19: 6000X300 (WATER)**WATERWAY 12-30:** 6000X300 (WATER)**SEAPLANE REMARKS:** Attended 1330Z†-dusk. Numerous +60' sailboats and masts.**COMMUNICATIONS:** CTAF 122.9**POTSDAM MUNI (DAMON FLD)** (PTD) 2 E UTC-5(-4DT) N44°40.60' W74°56.91'**MONTREAL**474 B S4 **FUEL** 100LL TPA-1274(800) NOTAM FILE PTD**L-326****RWY 06-24:** H3705X60 (ASPH) S-30 MIRL**IAP****RWY 06:** REIL. PAPI(P2L)-GA 3.0° TCH 45'. Tree. **RWY 24:** REIL. PAPI(P2L)-GA 3.0° TCH 45'. Tree.**AIRPORT REMARKS:** Unattended. Fuel 24 hr self-serve. Rwy condition not monitored, recommend visual inspection prior to use. Deer on and in/ovf arpt. Expect flt training ops in/ovf arpt. Noise abatement procedures in effect, call arpt manager for details at 315-268-1000. ACTIVATE MIRL Rwy 06-24; REIL Rwy 06 and 24; PAPI Rwy 06 and 24, and twy lgts-CTAF.**WEATHER DATA SOURCES:** AWOS-3 118.325 (315) 265-6106.**COMMUNICATIONS:** CTAF/UNICOM 122.8**BOSTON CENTER APP/DEP CON** 135.25**RADIO AIDS TO NAVIGATION:** NOTAM FILE MSS.**MASSENA (H) VORTACW** 114.1 MSS Chan 88 N44°54.86' W74°43.36' 228° 17.2 NM to fld. 200/14W.
HIWAS.**NDB (MHW)** 400 PTD N44°43.40' W74°52.96' 239° 4 NM to fld. NOTAM FILE BTV.**POUGHKEEPSIE** N41°37.60' W73°53.03'**NEW YORK****RCO** 122.2 122.4 (NEW YORK RADIO)**L-338, 341**

POUGHKEEPSIE**DUTCHESS CO**

(POU) 4 S UTC-5(-4DT) N41°37.59' W73°53.05'

NEW YORK

165 B S4 FUEL 100LL, JET A TPA—See Remarks ARFF Index—See Remarks.

H-101, 12J, L-33B, 34I

NOTAM FILE POU

IAP, AD

RWY 06-24: H5001X100 (ASPH-GRVD) S-50, D-60, DT-110 HIRL

RWY 06: MALSR. PAPI(P4L)—GA 3.00° TCH 57. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.25° TCH 57. Thld dsplcd 113'. Tree.

RWY 15-33: H2743X100 (ASPH-CONC) S-35, D-45, DT-80 MIRL

0.3% up SE

RWY 15: Trees.

RWY 33: REIL. VASI(V4L)—GA 3.75° TCH 64'. Trees.

RWY 07-25: 1358X100 (TURF-DIRT)

RWY 25: Antenna.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	15-33	3150

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 24: TORA-5001 TODA-5001 ASDA-5001 LDA-4888

RWY 15: TORA-2743 TODA-2743 ASDA-2743 LDA-2743

RWY 33: TORA-2743 TODA-2743 ASDA-2743 LDA-2743

RWY 07: TORA-1358 TODA-1358 ASDA-1358 LDA-1358

RWY 25: TORA-1358 TODA-1358 ASDA-1358 LDA-1358

ARRESTING GEAR/SYSTEM

RWY 06: EMAS 250'X121'

AIRPORT REMARKS: Attended 1200-0230Z. For after hrs fuel svcs, ctc business office during business hrs at 845-463-6000. Rwy 15-33 CLOSED to air carrier acft. Rwy 07-25 CLOSED ngts and during instrument meteorological conditions and from Nov 1-Apr 15. Rwy 07-25 restricted to acft less than 12,500 lbs. Deer and birds on and in/ovf arpt. No touch and go ldg and no practice instrument apch for acft over 12,500 lbs between 0400-1200Z. 50 ft drop 100 ft from Rwy 06 thld. Noise abatement procedures in effect. TPA-1199(1034) small acft 1999(1834) large acft. Rwy 33 use of VASI restricted to category A acft only. Class IV, ARFF Index A. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 845-463-6000. Index B coverage is provided. Twy B-1, "G" T-hanger taxilane, and "J" T-hanger taxilane clsd to air carrier acft. Ground soft in tie down areas. Rwy 07 edges marked with reflectors. When twr clsd ACTIVATE HIRL Rwy 06-24, REILS Rwy 24, MALSR Rwy 06—CTAF. Ldg fee for multi-engine acft.

WEATHER DATA SOURCES: ASOS 126.75 (845) 462-0648. LAWRS**COMMUNICATIONS:** CTAF 124.0 ATIS 126.75 UNICOM 122.95

POUGHKEEPSIE RCO 122.2 122.4 (NEW YORK RADIO)

® NEW YORK APP/DEP CON 132.75

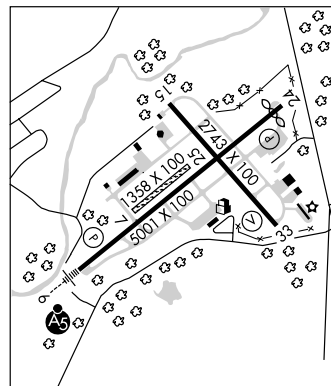
TOWER 124.0 (15 May-14 Sep 1200-0300Z, 15 Sep-14 May 1200-0200Z) GND CON 121.8 CLNC DEL 121.8

AIRSPACE: CLASS D svc 15 May-14 Sep 1200-0300Z, 15 Sep-14 May 1200-0200Z, other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 242° 3.6 NM to fld. 580/12W.

HIWAS.

ILS 111.3 I-POU Rwy 06. Class IB. LOC/GS unmonitored 0400-1200Z.

**PRATT'S EASTERN DIVIDE** (See SHERMAN)**QUAKER STREET**

KNOX (N65) 1SE UTC-5(-4DT) N42°43.77' W74°09.84'

NEW YORK

1130 S4 TPA-1930(800) NOTAM FILE BTW

RWY 09-27: 2750X60 (TURF)

RWY 09: Tree. RWY 27: Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. For svcs call 518-895-8140. Phone 518-895-8140 for fld conditions.

Parachute Jumping. Rwy 27 has 400' by 26' mowed overrun/runup area at slight angle to rwy centerline. Rwy 27 thld unmarked.

COMMUNICATIONS: CTAF 122.9**RANDALL** (See MIDDLETOWN)

RANDOLPH (D85) 2 W UTC-5(-4DT) N42°09.25' W79°00.99'

DETROIT

1665 NOTAM FILE BUF

RWY 08-26: 2495X80 (TURF)

RWY 08: Brush.

RWY 26: Brush.

AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt occasionally at dusk and early morning. + 15' brush along south edge of rwy, 50-60' from centerline. Rwy 08 has + 44' tree, 20' from rwy end, 75' right of centerline, + 63' tree, 135' from rwy end, 115' right of centerline, + 63' trees, 520' from rwy end, 125' right of centerline. Rwy 26 has + 82' trees, 760' from rwy end, across rwy centerline. Limited visibility down runway, cannot see aircraft on rwy end from opposite rwy end.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: CLNC DEL thru Flight Services 1-888-766-8267.

RED HOOK

SKY PARK (46N) 2 E UTC-5(-4DT) N41°59.08' W73°50.16'

NEW YORK

323 TPA-1523(1200) NOTAM FILE ISP

L-33B, 34I

RWY 01-19: H2664X30 (ASPH) S-30 0.3% up S

IAP

RWY 01: Trees.

RWY 19: Trees.

AIRPORT REMARKS: Unattended. Call at least three (3) hours prior minimum for PPR at 845-352-3924. Rwy safety areas have dropoffs and rough terrain. Rwy 01-19 pavement has small potholes and loose aggregate. Parallel twy constructed of dirt and grvl. Trees within 20' of centerline east of parallel twy south of midpoint. Parking fee weekends during air show at Rhinebeck.

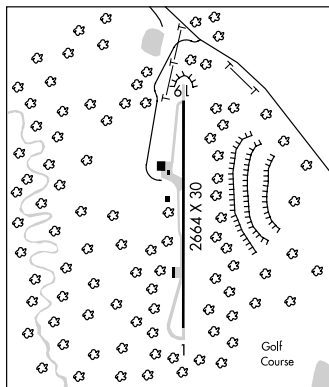
COMMUNICATIONS: CTAF 122.9

® **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'

W73°49.33' 010°19.1 NM to fld. 580/12W. HIWAS.



RENSSELAER CO (See TROY)

REPUBLIC (See FARMINGDALE)

ROCHESTER N43°07.08' W77°40.37' NOTAM FILE ROC.

DETROIT

(L) **VOR/DME** 110.0 ROC Chan 37 at Greater Rochester Intl. 549/12W.

H-10H, 11C, 12I, L-31E, 32F

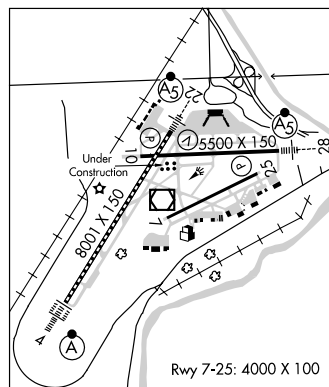
RCO 122.6 (BUFFALO RADIO)

GREATER ROCHESTER INTL

H-10H, 11C, 12J, L-31E, 32F
IAP. AD

RWY 28: EMAS 232'X164'

ILS 110.7	I-ROD	Rwy 22.	Class 1D.	Middle Marker
ILS 109.5	I-ROC	Rwy 28.	Class 1T.	LOM BREIT NDB.



RCO 122.1R 112.6T (BUFFALO RADIO)

ROME

BECKS GROVE (K16) 8 NW UTC-5(-4DT) N43°15.05' W75°36.26'NEW YORK
L-32F

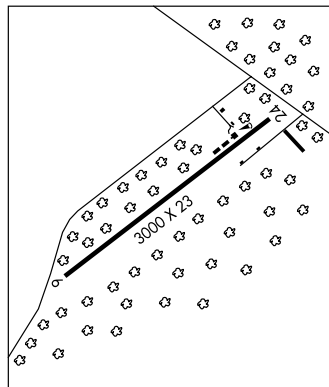
450 NOTAM FILE BUF

RWY 06-24: H3000X23 (ASPH) S-12 LIRL (NSTD)**RWY 06:** Trees/brush.**RWY 24:** Road.

AIRPORT REMARKS: Attended Mon-Fri dalgt hours. Large birds (turkeys) and deer on and invof Rwy 06-24. Rwy 24 has +29' brush 490' from thld, 11' right. Center 23' of rwy is paved for full length and 90' width is avbl between rwy lgts for tkof and ldg. Note that bldg, bushes are 45-55' north of centerline at 675' from Rwy 24 thld. NSTD LIRL Rwy 06-24 200' spacing; first lgt rwy end 06 100' from pavement end. First lgt rwy end 24 75' from pavement end; removed from late Oct-mid Apr due to plowing. Rwy lgts are 34' from rwy pavement edge and mark edge of 90' usable width. First three rwy lgts each end are red for night apch assistance and end of rwy warning, entire rwy length is usable for start of tkf run and end of ldg roll-out. For NSTD LIRL Rwy 06-24 call 315-337-3367.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services
1-888-766-8267.

**GRIFFISS INTL** (RME) 1 W UTC-5(-4DT) N43°14.03' W75°24.42'NEW YORK
H-11C, 121, L-32F
IAP, AD504 B S4 **FUEL** 100LL, JET A TPA—See Remarks Class IV, ARFF Index A

NOTAM FILE RME

RWY 15-33: H11820X200 (CONC-GRVD) S-100, D-240, ST-305, DT-500 PCN 71 R/B/W/T HIRL**RWY 33:** ALSF1. PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.

AIRPORT REMARKS: Attended continuously. Migratory Bird Alert Aug-Nov and Apr-May. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 315-356-0575. Index B coverage is provided for air carrier ops with more than 30 passenger seats. Index C coverage is avbl upon request call arpt manager 315-356-0575. Rwy 15-33 50' wide paved shoulders. Rwy 33 designated calm wind rwy. TPA—2004(1500) piston acft, 2504 (2000) turbine acft. Portions of apron not visible from twr. When twr clsd, ACTIVATE HIRL Rwy 15-33, ALSF1 Rwy 33, and twy lgts —CTAF.

WEATHER DATA SOURCES: ASOS (315) 334-4360.**COMMUNICATIONS:** CTAF 118.1 ATIS 118.7 UNICOM 122.95Ⓡ **APP/DEP CON** 120.925**TOWER** 118.1 (1200-0200Z±) **GND CON** 121.9**AIRSPACE :** CLASS D svc 1200-0200Z±, other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE UCA.**UTICA (L) VORTAC** 111.2 UCA Chan 49 N43°01.59' W75°09.87' 331° 16.4 NM to fld. 1420/12W.**ILS** 109.1 I-FQY Rwy 15.**ILS** 110.1 I-RME Rwy 33.**ROUND LAKE** (W57) 2 E UTC-5(-4DT) N42°55.75' W73°46.22'

NEW YORK

175 NOTAM FILE BTV

RWY 14-32: 2028X76 (TURF)**RWY 14:** Trees.**RWY 32:** Trees.

AIRPORT REMARKS: Attended on call. Deer on and invof arpt. Arpt CLOSED to itinerant acft Nov-Apr. Rwy 14-32 as 80 ft trees rgt and left of centerline in primary surface. Rwy 14-32 soft during spring (Mar-Jun). Military helicopters and ultralight acft use rwy.

COMMUNICATIONS: CTAF/UNICOM 122.8

.....

155

WATERWAY 14W-32W: 4000X600 (WATER)**ROUSES POINT SPB** (K21) 0 E UTC-5(-4DT) N44°59.50' W73°21.81'

MONTREAL

95 **FUEL** MOGAS AOE NOTAM FILE BTV**WATERWAY ALL WAY:** 7900X500 (WATER)

SEAPLANE REMARKS: Unattended. Marine 93 octane avbl only. CAUTION: Extensive watercraft activity on and in vicinity of arpt. Landing possible all directions. Call US CUSTOMS prior to arrival at 518-298-8346 or 518-298-7904. Coordinate actual point of ldg at 1-800-827-2851. 1 hour advance notice required.

COMMUNICATIONS: CTAF 122.9

ROYALTON (See GASPORT)**SANDS PONT SPB** (See PORT WASHINGTON)**SARANAC LAKE** N44°23.07' W74°12.27' NOTAM FILE SLK.**MONTREAL**

(L) VOR/DME 109.2 SLK Chan 29 at Adirondack Rgnl. 1650/14W.

L-326

VOR portion unusable:

252°-037° byd 15 NM blo 10,000'

038°-058° byd 24 NM blo 10,000'

038°-058° byd 15 NM blo 5000'

059°-100° byd 15 NM blo 10,000'

DME portion unusable all radials byd 38 NM blo 5000'

RCO 122.1R 109.2T (BURLINGTON RADIO)

SARANAC LAKE**ADIRONDACK RGNL** (SLK) 4 NW UTC-5(-4DT) N44°23.12' W74°12.37'**MONTREAL**

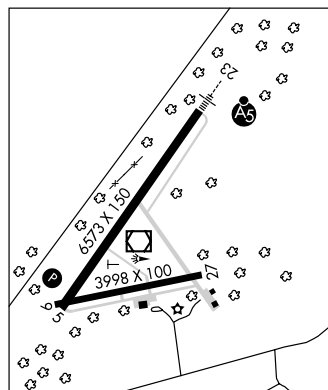
1663 B S8 FUEL 100LL, JET A ARFF Index-See Remarks. NOTAM FILE SLK

H-11C, 12K, L-326**RWY 05-23:** H6573X150 (ASPH-GRVD) S-40, D-73, ST-92, DT-115 HIRL 0.4% up NE **IAP****RWY 05:** PAPI(P4L)—GA 3.0° TCH 50'. Trees.**RWY 23:** MALSR. Trees.**RWY 09-27:** H3998X100 (ASPH) S-40, D-73, ST-92, DT-115

MIRL

RWY 09: Trees.**RWY 27:** Trees.**RUNWAY DECLARED DISTANCE INFORMATION:****RWY 05:** TORA-6573 TODA-6573 ASDA-6573 LDA-6573**RWY 23:** TORA-6573 TODA-6573 ASDA-6333 LDA-6333**RWY 09:** TORA-3998 TODA-3998 ASDA-3998 LDA-3998**RWY 27:** TORA-3998 TODA-3998 ASDA-3998 LDA-3998

AIRPORT REMARKS: Attended 1100-0200Z+. For arpt attendant after hours call 518-637-7329. Class II, ARFF Index A. PPR 48 hr before for unscheduled acft ops with more than 30 passenger seats call arpt manager 518-891-4600 ext 106. Index B coverage is provided. Twy B unavbl to acft with wingspan 79' and abv. Above ground twy edge lgts adjacent to Twy B tie down apron area. Rwy 09 NSTD markings, thld markings 400' from rwy end. ACTIVATE HIRL Rwy 05-23, MIRL Rwy 09-27, MALSR Rwy 23, PAPI Rwy 05 and twy lgts—CTAF. Landing fee.

WEATHER DATA SOURCES: ASOS 124.175 (518) 891-6696.**COMMUNICATIONS:** CTAF/UNICOM 123.0**SARANAC LAKE RCO 122.1R 109.2T (BURLINGTON RADIO)****BOSTON CENTER APP/DEP CON 120.35****RADIO AIDS TO NAVIGATION:** NOTAM FILE SLK.**SARANAC LAKE (L) VOR/DME 109.2 SLK Chan 29 N44°23.07' W74°12.27' at fld. 1650/14W.****BRIEL NDB (LOM) 395 SL N44°28.61' W74°07.45' 227° 6.5 NM to fld.****ILS 108.9 I-SLK Rwy 23. Class IA. LOM BRIEL NDB. Unmonitored.****SARATOGA CO** (See SARATOGA SPRINGS)

SARATOGA SPRINGS**SARATOGA CO** (5B2) 3 SW UTC-5(-4DT) N43°03.04' W73°51.70'

NEW YORK

434 B S4 FUEL 100LL, JET A OX 4 TPA-1201(767) LRA NOTAM FILE 5B2

L-326

RWY 05-23: H4700X100 (ASPH-CONC-GRVD) S-30 MIRL

IAP

RWY 05: REIL. VASI(V4L)—GA 3.0°TCH 47'. Trees.

RWY 23: REIL. VASI(V4L)—GA 3.0°TCH 45'. Trees.

RWY 14-32: H4000X100 (ASPH-CONC) S-30 MIRL

RWY 14: Trees.

RWY 32: REIL. VASI(V4L)—GA 3.0°TCH 46.6'. Trees.

AIRPORT REMARKS: Attended 1230Z†-dusk. Albany ANG helicopters do touch and go ldg ops usually during dalgt hours. Glider activity on weekends and occasionally weekdays with extensive pre-launch and after ldg gnd ops on shoulders of rwy in use. Year round federally and state protected habitat for Karner Blue Butterfly, unauthorized off-pavement ops prohibited. VASI clearance plane obstruction exists on Rwy 32 due to tree height. ACTIVATE MIRL Rwy 05-23, VASI Rwy 23, REIL Rwy 23 and twy lgts—CTAF.

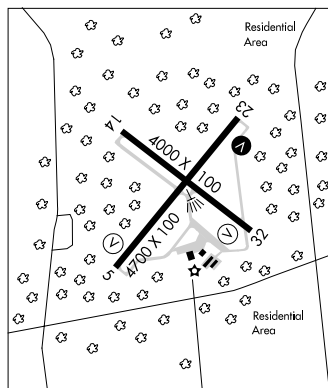
WEATHER DATA SOURCES: AWOS-3 132.025 (518) 884-9289**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ ALBANY APP/DEP CON 118.05 GCO 118.125 (ALBANY CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (L) VOR/DME 115.0 CAM Chan 97 N42°59.66'

W73°20.64' 293° 23.0 NM to fld. 1490/14W. HIWAS.

**SCHENECTADY****SCHENECTADY CO** (SCH) 3 N UTC-5(-4DT) N42°51.15' W73°55.73'

NEW YORK

378 B S6 FUEL 100LL, JET A, J8 OX 2 LRA NOTAM FILE SCH

H-11C, 121, L-326

RWY 04-22: H7000X150 (ASPH-GRVD) S-95, D-175, DT-348, DDT-850 HIRL 0.9% up NE

IAP, AD

RWY 04: MALSR. PAPI(P2L)—GA 3.0°TCH 55'. Tree.

RWY 22: PAPI(P2L)—GA 3.0°TCH 50'. Tree.

RWY 10-28: H4840X150 (ASPH-GRVD) S-55, D-134, DT-218, DDT-541 MIRL

RWY 10: PAPI(P2L)—GA 4.0°TCH 50'. Thld dsplcd 200'. Tree.

RWY 28: REIL. PAPI(P2L)—GA 3.0°TCH 50'. Tree.

RWY 15-33: H2640X50 (ASPH) 0.6% up NW

RWY 15: Pole. RWY 33: Tree.

AIRPORT REMARKS: Attended 1230-0330Z†. +60 ft dropoff 150 ft from Rwy 28 end. Birds on and in/ovf arpt. Rwy 15-33 cracks on rwy with weeds in cracks. Rwy 33 arrowheads ahead of thld bar painted white. Rwy 15 avbl for tkr, Rwy 33 avbl for ldg. Rwy 15-33 avbl during dalgt VFR conditions only. Rwy 15-33 CLOSED to acft 12,500 pounds and over. Fee for acft requesting twr svc 0330-1200Z†. No field or braking action reports available between 0330Z† and 1230Z† daily. Rwy 04 Rwy Alignment indicator lights (RAIL portion) of MALSR OTS indef. When twr clsd, ACTIVATE HIRL Rwy 04-22 and MIRL Rwy 10-28 and MALSR Rwy 04—121.3. Flight Notification Service (ADCUS) avbl.

WEATHER DATA SOURCES: AWOS-3 119.275 (518) 399-6586.**COMMUNICATIONS:** CTAF 121.3 UNICOM 122.975

Ⓡ ALBANY APP/DEP CON 118.05

TOWER 121.3 (1230-0330Z†) GND CON 121.9

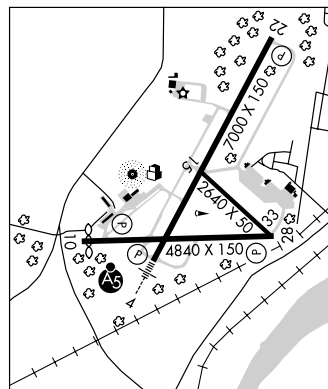
AIRSPACE: CLASS D svc 1230-0330Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ALB. VHF/DF ctc TOWER

ALBANY (L) VORTAC 115.3 ALB Chan 100 N42°44.84' W73°48.19' 332°8.4 NM to fld. 275/13W.

HAWKY NDB (LOM) 219 AL N42°49.04' W73°48.51' 305° 5.7 NM to fld. Unusable 160°-210° byd 10 NM.

HUNTER NDB (MHW) 356 HEU N42°51.18' W73°56.06' at fld. NOTAM FILE SCH.

ILS 109.7 I-SCH Rwy 04.

COMM/NAV/WEATHER REMARKS: UNICOM use 130.55 for svc from FBO.

SHARON SPRINGS**SHARON** (K31) 2 SE UTC-5(-4DT) N42°46.70' W74°34.66'

NEW YORK

1508 TPA-2500(992) NOTAM FILE BUF

RWY 13-31: 2570X120 (TURF) LIRL (NSTD)**RWY 13:** Thld dsplcd 200'. Trees. **RWY 31:** Tree.**AIRPORT REMARKS:** Attended irregularly. P-line parallel on SW side of runway. Rwy 13 thld dsplcd nght ops only.

ACTIVATE LIRL Rwy 13-31-CTAF. Rwy 13-31 first 200 ft SE end unlgtd.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**SHERMAN****PRATT'S EASTERN DIVIDE** (D88) 4 W UTC-5(-4DT) N42°09.00' W79°41.15'

DETROIT

1640 NOTAM FILE BUF

RWY 08-26: 2600X75 (TURF)**RWY 08:** Tree.**RWY 26:** Trees.**AIRPORT REMARKS:** Attended irregularly. Ultralgt on and invof arpt.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**SHIRLEY****BROOKHAVEN** (HWV) 1 N UTC-5(-4DT) N40°49.32' W72°52.02'

NEW YORK

81 B S4 **FUEL** 100LL TPA-1081(1000) NOTAM FILE HWV

COPTER

RWY 15-33: H4222X150 (ASPH-CONC) S-52, D-70, ST-89, DT-120 MIRL

L-33B, 34I

RWY 15: REIL. VASI(V4L)-GA 3.0°TCH 43'. Trees.

IAP

RWY 33: REIL. VASI(V4L)-GA 3.0°TCH 46'. Trees.**RWY 06-24:** H4200X100 (ASPH) S-32, D-56, DT-93 MIRL

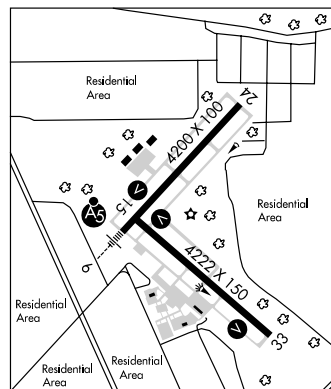
0.3% up NE

RWY 06: REIL. MALSR. VASI(V4L)-GA 3.0°TCH 47'. Trees.**RWY 24:** REIL. Trees.

AIRPORT REMARKS: Attended continuously. Deer all areas of airport especially at night. Glider operations daylight hours. Pilots be aware when conducting practice ILS apchs: extensive light acft training on and invof arpt all hrs. Gliders use rgt tfc pattern for Rwy 24 and Rwy 33; gliders use left tfc pattern for Rwy 06 and Rwy 15. Upper air observation balloons launched 3 miles N of arpt 1100Z± and 2300Z±. ACTIVATE MIRL Rwy 06-24 and Rwy 15-33; VASI Rwy 06, Rwy 15 and Rwy 33; REIL Rwy 06, Rwy 24, Rwy 15 and Rwy 33; MALSR Rwy 06-CTAF. Ldg fee.

WEATHER DATA SOURCES: ASOS 119.625 (631) 399-7095.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **NEW YORK CENTER APP/DEP CON** 118.0 **CLNC DEL** 133.2**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.**CALVERTON (L) VORW/DME** 117.2 CCC Chan 119 N40°55.78'

W72°47.93' 219° 7.2 NM to fld. 86/13W.

ILS 108.95 I-HWV Rwy 06. LOC unusable 0.4 NM to thld. GS unmonitored.

SIDNEY MUNI (N23) 1 W UTC-5(-4DT) N42°18.15' W75°24.96'
 1027 B S4 FUEL 100LL, JET A OX 3, 4 NOTAM FILE BUF
 RWY 07-25: H4204X75 (ASPH) S-25, D-45 MIRL
 RWY 07: REIL. Tree.

RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 42'. Stack. Rgt tfc.

AIRPORT REMARKS: Attended 1400-2200Z. For attendant other times call 607-561-2346. Numerous hills surround arpt up to 800 ft above arpt elevation. High tension lines 1 NM from apch end Rwy 07. ACTIVATE MIRL Rwy 07-25 and REIL Rwsy 07 and 25—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.275 (607) 561-2333.

COMMUNICATIONS: CTAF/UNICOM 122.8

HANCOCK RCO 122.1R 116.8T (BUFFALO RADIO)

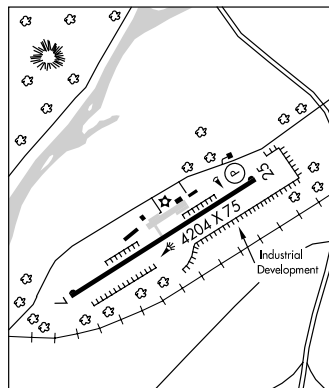
ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)

® BOSTON CENTER APP/DEP CON 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98' W75°14.35' 230° 12.6 NM to fld. 2032/11W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



NEW YORK
 L-30K, 32F, 33A
 IAP

SKANEATELES AERO DROME (6B9) 2 SW UTC-5(-4DT) N42°54.84' W76°26.45'

1038 B TPA-1838(800) NOTAM FILE BUF

RWY 04-22: 3350X130 (TURF)

RWY 04: Trees.

RWY 22: Trees.

RWY 10-28: H3134X58 (ASPH) S-9 MIRL (NSTD) 0.4% up W

RWY 10: Trees.

RWY 28: Treeline.

AIRPORT REMARKS: Attended Oct-April Mon-Sat 1300-2200Z, May-Sept Mon-Sat 1300-2300Z. Rwy 10-28 loose aggregate, potholes, eroded areas. Two 55 ft power poles 70 ft either side centerline 700 ft from apch end Rwy 28. Rwy 04-22 avbl 15 May to 15 Oct. ACTIVATE MIRL Rwy 10-28 and rotating bcn—CTAF. Rotating bcn OTS indef. Rwy 10-28 NSTD MIRL; lgts are 38 ft from pavement edge; no thld lgts. Rwy 28 has 4 lgts out and 2 lgts very dim. One thld lgt is rotated 90° (red/green lens). Arpt light OTS indef. Rwy 10 has +3' fence 20' from thld on both sides, +15' road 30' from thld on both sides and 4' fence 80' from thld on both sides. Rwy 04-22 and 10-28 have variations in rwy surface.

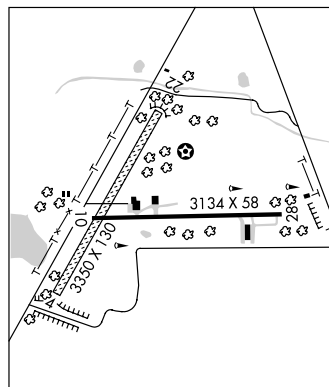
COMMUNICATIONS: CTAF/UNICOM 122.8

® SYRACUSE APP/DEP CON 126.125

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 226°18 NM to fld. 420/11W. HIWAS.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.



NEW YORK
 L-32F
 IAP

SKY ACRES (See MILLBROOK)

SKY PARK (See RED HOOK)

SMITE N42°06.28' W75°53.47' NOTAM FILE BGM.

NDB (LOM) 332 BG 340° 7.4 NM to Greater Binghamton/Edwin A Link Fld.

SOUTH ALBANY (See SOUTH BETHLEHEM)

SOUTH BETHLEHEM**SOUTH ALBANY** (4B0) 2 N UTC-5(-4DT) N42°33.64' W73°50.04'**NEW YORK**

196 FUEL 100LL TPA-996(800) NOTAM FILE BTW

L-326, 33B, 34I

RWY 01-19: H2854X60 (ASPH) LIRL 0.4% up N

IAP

RWY 01: Thld dsplcd 150'. Brush. RWY 19: VASI(NSTD). Thld dsplcd 124'. Road.

AIRPORT REMARKS: Attended Nov-Mar 1300-2100Z, Apr-Oct 1100-0200Z. Fuel avbl 24 hrs self service credit card only. Arpt CLOSED to acft over 12,500 pounds. Birds on and invof arpt. ACTIVATE LIRL Rwy 01-19 and windsock-CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ ALBANY APP/DEP CON 118.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 234° 33.8 NM to fld.
1490/14W.

SOUTHAMPTON HELIPORT (87N) 4 SW UTC-5(-4DT) N40°50.84' W72°27.84'**NEW YORK**

5 NOTAM FILE ISP

COPTER

HELIPAD H1: H44X44 (ASPH)

L-33C, 34I

HELIPORT REMARKS: Attended continuously. Noise sensitive area due to houses nearby. No idling or waiting on helipad permitted.

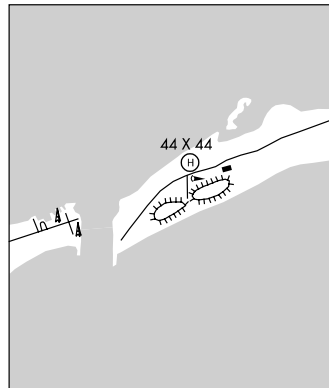
COMMUNICATIONS: CTAF 122.9

IAP

NEW YORK APP/DEP CON 125.975

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40° 55.14' W72°
19.00' 250° 8.0 NM to fld. 22/13W. HIWAS.

**SPADARO** (See EAST MORICHES)**SPENCERPORT AIRPARK** (D91) 2 S UTC-5(-4DT) N43°10.17' W77°49.10'**DETROIT**

614 NOTAM FILE BUF

RWY E-W: 2450X90 (TURF) LIRL (NSTD)

RWY E: Trees. RWY W: Trees.

AIRPORT REMARKS: Attended irregularly. Rwy lgts opr dusk-0200Z. Rwy E-W soft in winter. For rwy conditions call 585-338-7676 or 585-352-1930. Rwy E-W NSTD LIRL; only 4 thld lgts each rwy end; 1 red; 3 clear; no green thld lgts; spacing varies.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**SQUIR** N40°54.27' W72°33.39' NOTAM FILE FOK.

NDB (LOM) 400 FO 236° 5 NM to Francis S Gabreski. LOM unmonitored.

Unusable 251°-280° byd 7 NM, 281°-250° byd 10 NM.

STAATSBURG**AIRHAVEN** (09N) 3 SE UTC-5(-4DT) N41°49.96' W73°52.56'**NEW YORK**

450 S4 NOTAM FILE ISP

RWY 02-20: 1745X75 (TURF)

RWY 02: Tree. RWY 20: Trees.

AIRPORT REMARKS: Unattended. Rwy 02-20 white tires and 2 ft pvc reflective markers; blue markers at thld (one missing); all others along edges are white. Steep grades and drop-offs located in Rwy 02 safety area.

COMMUNICATIONS: CTAF 122.9**STEWART INTL** (See NEWBURGH)

STORMVILLE (N69) 1 NE UTC-5(-4DT) N41°34.61' W73°43.97'

NEW YORK

358 NOTAM FILE ISP

L-338, 341

RWY 06-24: H3315X50 (ASPH) S-25 0.8% up NE

IAP

RWY 06: Trees. **RWY 24:** Trees.

AIRPORT REMARKS: Unattended. Geese on and invof rwy Aug-Oct. Rwy 06-24 wide cracks and weeds on rwy. Rwy 06-24 not plowed. Various materials may be next to rwy ends after flea markets. Rwy 06-24 markings faded and difficult to see from ground.

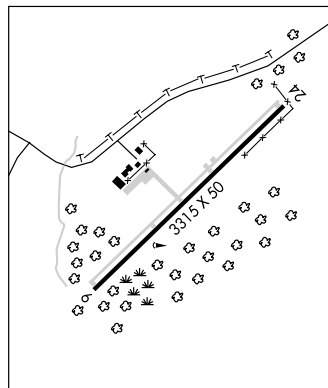
COMMUNICATIONS: CTAF/UNICOM 122.8

® **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'

W73°49.33' 155° 6.7 NM to fld. 580/12W. **HIWAS.**



SUFFOLK CO N40°50.27' W72°37.91' NOTAM FILE FOK.

NEW YORK

(T) **TACAN** Chan 47 **FOK** (111.0) at Francis S Gabreski. 50/13W. Unmonitored when twr closed.

L-338, 341

No NOTAM MP Mon 1600-2000Z†.

SULLIVAN CO (See MONTICELLO)

SYRACUSE HANCOCK INTL (SYR) 4 NE UTC-5(-4DT) N43°06.67' W76°06.38'

NEW YORK

421 B S4 **FUEL** 100LL, **JET A** OX 1, 2, 3, 4 **LRA** Class I, ARFF Index C

H-11C, 12J, L-32F

NOTAM FILE SYR

IAP, AD

RWY 10-28: H9003X150 (ASPH-GRVD) S-115, D-156, ST-175, DT-257 PCN 121 F/B/W/T

HIRL CL

RWY 10: MALSR. VASI(V4L)—GA 3.0°TCH 55'. Trees.

RWY 28: ALSF2. TDZL. Trees. 0.3% up.

RWY 15-33: H7500X150 (ASPH-GRVD) S-115, D-156, ST-175, DT-257 PCN 143 F/B/W/T **HIRL** CL

RWY 15: MALS. VASI(V4L)—GA 3.0°TCH 53'. Tree.

RWY 33: PAPI(P4L)—GA 3.0°TCH 50'. Tree.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 10	15-33	7700
RWY 15	10-28	6000

ARRESTING GEAR/SYSTEMS

RWY 10 BAK-14 BAK-12A(B) (1500')

BAK-14 BAK-12B(B) (1500') **RWY 28**

AIRPORT REMARKS: Attended continuously. No charter operations through passenger terminal building without prior permission. No jet engine maintenance runs abv idle between 0400-1100Z†. No transient acft parking on main terminal ramp. Deer/coyote/birds on and invof arpt. Rwy 10 RVR touchdown, midpoint and rollout avbl. Rwy 28 RVR touchdown, midpoint and rollout avbl. Rwy 33 RVR touchdown avbl. Rwy 28 touchdown RVR also used for Rwy 33. Direct custom notification is required. Hours of notification are Mon-Sat 1300-2200Z†. Arrivals outside of these hours must make arrangements during regular work hours; call 315-455-2271. Noise abatement procedures in effect.

WEATHER DATA SOURCES: ASOS (315) 455-3444. **HIWAS** 117.0 SYR. WSP.

COMMUNICATIONS: ATIS 124.225 **UNICOM** 122.95

® **APP/DEP CON** 134.275 (279°-099°) 126.125 (100°-278°)

TOWER 120.3 **GND CON** 121.7 **CLNC DEL** 125.05

AIRSPACE: CLASS C svc continuous ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

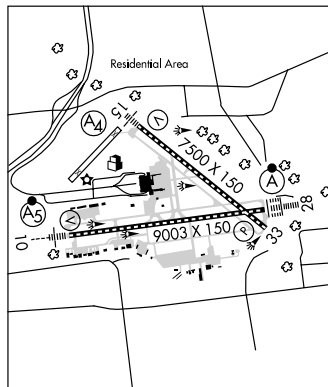
(H) **VORTACW** 117.0 SYR Chan 117 N43°09.63' W76°12.27' 135° 5.2 NM to fld. 420/11W. **HIWAS.**

DME unusable byd 35 NM blo 4000'

ILS/DME 109.9 I-MRZ Chan 36 Rwy 10. Class 1A.

ILS/DME 109.9 I-SYR Chan 36 Rwy 28. Class 11E.

COMM/NAV/WEATHER REMARKS: Field condition reports recording avbl call 315-455-3444.



TICONDEROGA MUNI (4B6) 2 NE UTC-5(-4DT) N43°52.64' W73°24.79'

NEW YORK

273 B S2 NOTAM FILE BTV

L-326

RWY 02-20: H4041X60 (ASPH) MIRL

IAP

RWY 02: REIL. PAPI(P2L). Trees.

RWY 20: REIL. PAPI(P2L). Trees. Rgt tfc.

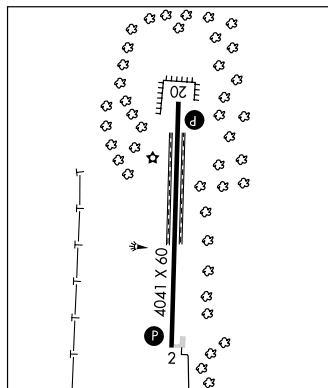
AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 02-20, PAPI Rwy 02 and 20, REIL Rwy 02 and 20—CTAF. Rwy 02 PAPI OTS indef. Rwy 20 PAPI OTS indef. REIL Rwy 02 OTS indef. REIL Rwy 20 OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (L) VORW/DME 117.5 BTW Chan 122 N44°23.83' W73°10.95' 213° 32.7 NM to fld. 420/15W. HIWAS.



TRI-CITIES (See ENDICOTT)

TROY

RENSSELAER CO (5B7) 6 SE UTC-5(-4DT) N42°41.45' W73°34.77'

NEW YORK

440 FUEL 100LL TPA-1500(1060) NOTAM FILE BTV

RWY 18-36: H2670X50 (ASPH) S-8

RWY 18: Trees.

RWY 36: Trees.

AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Surrounding terrain slopes down to rwy; due to higher surrounding terrain recommend use of the following procedures: Dep Rwy 36—Use best angle of climb speed until well clear of residential area north of Rwy 36; Arrivals Rwy 18—maintain sufficient altitude on final so as to avoid low altitude and/or high power over residential area which underlies final apch to Rwy 18. Dep Rwy 18 and arrivals Rwy 36—use normal procedures. Rwy 18-36 pavement cracked, loose rocks and vegetation. Rwy 18 first 40' overgrown with grass. Rwy 18 markings not visible. Transient acft call 518-279-1394 for field conditions prior to arrival.

COMMUNICATIONS: CTAF/UNICOM 122.7

UTICA N43°01.59' W75°09.87' NOTAM FILE UCA.

NEW YORK

(L) VORTAC 111.2 UCA Chan 49 331° 16.4 NM to Griffiss Intl. 1420/12W.

L-326

RCO 122.65 122.2 122.1R 111.2T (BUFFALO RADIO)

UTICA/FRANKFORT

FRANKFORT-HIGHLAND (6B4) UTC-5(-4DT) N43°01.26' W75°10.23'

NEW YORK

1325 FUEL 100LL NOTAM FILE BUF

RWY 13-31: H2550X30 (ASPH) S-12 LIRL(NSTD)

RWY 13: Thld dspcd 75'. Trees.

RWY 31: Trees.

AIRPORT REMARKS: Unattended. Model plane club opr on arpt. 5' wide hole on right side pavement edge Rwy 13, 803' from AER. Rwy 31 has 120 ft dropoff 310 ft from thld on both sides. LIRL Rwy 13-31 not avbl to transient acft. Rwy 13-31 NSTD LIRL; lgts are 40 ft from rwy edge. Arpt located 5 miles SE Utica. Rwy 13-31 grass ldg area each side of ASPH inside lgts: not maintained winter months; snow plowing; braking action and field condition reports not avbl. Rwy 13-31 markings are NSTD size and painted white.

COMMUNICATIONS: CTAF/UNICOM 122.8

VRNAH N42°25.80' W76°22.08' NOTAM FILE ITH.

NDB (LOM) 266 IT 324° 5.5 NM to Ithaca Tompkins Rgnl. Unusable beyond 10 NM.

WALLKILL**KOBELT** (N45) 3 NE UTC-5(-4DT) N41°37.67' W74°08.03'

NEW YORK

420 B NOTAM FILE ISP

RWY 03-21: H2864X50 (ASPH) S-13

AIRPORT REMARKS: Unattended. Arpt CLOSED to acft 13,500 pounds and over. Deer on and in vof arpt. Rwy 03 has access road 10' from thld both sides. Rwy center width of 30' in good condition, 10' width on both sides of centerline in poor condition with extensive cracks and vegetation. 18' wide parallel twy, stub connectors to rwy between ends in fair condition.

COMMUNICATIONS: CTAF/UNICOM 122.8**WARWICK MUNI** (N72) 3 NE UTC-5(-4DT) N41°17.26' W74°17.23'

NEW YORK

540 S4 FUEL 100LL TPA-1500(960) NOTAM FILE ISP

RWY 08-26: 2250X80 (TURF)

RWY 08: Tree.

RWY 26: Trees.

RWY 03R-21L: H2150X28 (ASPH) LIRL (NSTD)

RWY 03R: Tree.

RWY 21L: Brush.

RWY 03L-21R: 2100X50 (TURF)

RWY 03L: Tree.

RWY 21R: Trees.

AIRPORT REMARKS: Attended irregularly. Self svc fuel avbl. Mountains and towers in close vicinity of arpt. Rwy 03R-21L numerous transverse cracks 1-3". Arpt CLOSED to transient acft sunset-sunrise. No practice landings. ACTIVATE LIRL Rwy 03R-21L-CTAF. Rwy 03R-21L NSTD LIRL; spacing 400 ft apart and no thld lgts.

COMMUNICATIONS: CTAF/UNICOM 123.0**WATERLOO****AIRTREK** (D93) 3 S UTC-5(-4DT) N42°51.00' W76°50.98'

NEW YORK

590 S4 NOTAM FILE BUF

RWY 10-28: 2275X85 (TURF) LIRL

RWY 10: Tree.

RWY 28: Thld displcd 541'. Road.

AIRPORT REMARKS: Attended 1300-2100Z+. Ultralight on and in vof arpt. Rwy soft in spring; 300 ft of Rwy 28 rutted-under repair. For LIRL Rwy 10-28 call 315-539-3670. NSTD displcd thld markings Rwy 28 marked with one white and two green lgts each side.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Cinc del thru Flight Services 1-888-766-8267.**WATERTOWN** N43°57.12' W76°03.88' NOTAM FILE ART.

NEW YORK

(L) VORTAC 109.8 ART Chan 35 050° 3 NM to Watertown Intl. 370/12W.

H-11C, L-32F

RCO 122.1R 109.8T (BURLINGTON RADIO)

RCO 122.3 122.2 (BURLINGTON RADIO)

WATERTOWN INTL (ART) 5 W UTC-5(-4DT) N43°59.52' W76°01.31'

NEW YORK

325 B S4 FUEL 100LL, JET A AOE Class II, ARFF Index A NOTAM FILE ART

H-11C, 12J, L-32F

RWY 07-25: H5000X150 (ASPH-GRVD) S-25, D-44, DT-90 HIRL 0.3% up NE

IAP, AD

RWY 07: MALSR. PAPI(P4L)—GA 3.0° TCH 46'. Trees.

RWY 25: PAPI(P4L)—GA 3.0° TCH 54'. Trees.

RWY 10-28: H5000X150 (ASPH-GRVD) S-25, D-44, DT-90

MIRL 0.3% up E

RWY 10: PAPI(P4L)—GA 3.0° TCH 46'. Trees.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. For fuel and service call 315-639-3783 or after hrs call 315-629-3765 or 315-646-1627. Deer and birds on and in/ovf arpt. PPR 2 hours for air carrier ops with more than 30 passenger seats call assistant manager 315-639-3809 or after 2130Z± call 315-783-7568. Twy C clsd Oct-Apr. ACTIVATE HIRL Rwy 07-25, MIRL Rwy 10-28, MALSR Rwy 07, PAPI Rwy 10 and Rwy 28, REIL Rwy 28 and twy lgts—CTAF. Ldg fee for acft over 6000 lbs gross weight. 2 hours advance notice to U.S. Customs by pilot required, call 315-482-2261.

WEATHER DATA SOURCES: ASOS 132.325 (315) 639-4002.**COMMUNICATIONS:** CTAF/UNICOM 123.0

RCO 122.1R 109.8T (BURLINGTON RADIO)

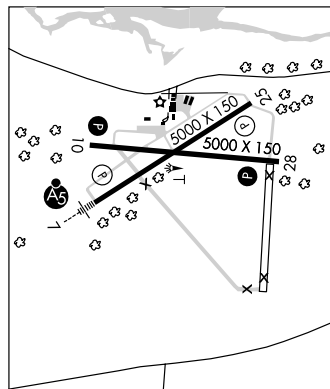
RCO 122.3 122.2 (BURLINGTON RADIO)

® WHEELER-SACK APP/DEP CON 128.25

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

(L) VORTAC 109.8 ART Chan 35 N43°57.12' W76°03.88' 050° 3.0 NM to fld. 370/12W.

ILS 111.1 I-ART Rwy 07. Class ID.

**WEEDSPORT****WHITFORDS** (B16) 2 NE UTC-5(-4DT) N43°04.82' W76°32.30'

NEW YORK

400 B FUEL 100LL, MOGAS TPA-1200(800) NOTAM FILE BUF

L-32F

RWY 10-28: H3630X60 (ASPH) MIRL

IAP

RWY 10: Thld displcd 430'. Trees.

RWY 28: Thld displcd 350'. Trees.

RWY E-W: 2800X100 (TURF)

RWY E: Hill. RWY W: Trees.

AIRPORT REMARKS: Attended dalgt hours. 87 octane also avbl. Rwy E-W CLOSED Nov 1-May 15. ACTIVATE MIRL Rwy 10-28—122.7. Ultralghts on and in/ovf arpt. For rotating bcn after 0400Z± call 315-834-9059.

COMMUNICATIONS: CTAF/UNICOM 122.8

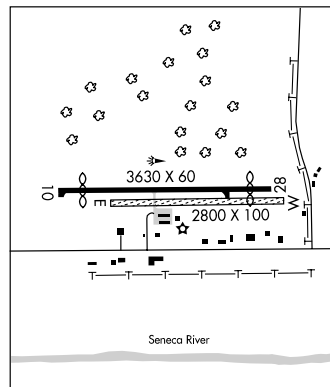
® SYRACUSE APP/DEP CON 134.275

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (H) VORTACW 117.0 SYR Chan 117 43°09.63'

W76°12.27' 263° 15.4 NM to fld. 420/11W. HIWAS.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services
1-888-766-8267.

**WELLS SPB** (See SCHENECTADY)

WELLSVILLE MUNI ARPT, TARANTINE FLD (ELZ) 2 SW UTC-5(-4DT)

DETROIT

N42°06.57' W77°59.40'

H-10H, 121, L-301, 32F
IAP

2124 B S2 FUEL 100LL, JET A NOTAM FILE ELZ
RWY 10-28: H5302X100 (ASPH-GRVD) S-25, D-45 HIRL
0.4% up W

RWY 10: REIL. VASI(V4L). Thld dspcd 400'. Trees.

RWY 28: MALS. VASI(V4L)—GA 3.0° TCH 49'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-5300 TODA-6300 ASDA-5300 LDA-4900

RWY 28: TORA-5300 TODA-6300 ASDA-4900 LDA-4900

AIRPORT REMARKS: Attended Sat-Sun 1200-2300Z†, Mar-Nov Mon-Fri
1100-0000Z†, Dec-Feb Mon-Fri 1100-2300Z†. ACTIVATE HIRL
Rwy 10-28; REIL Rwy 10 and MALS Rwy 28 and VASI Rwy 10 and
Rwy 28—CTAF.

WEATHER DATA SOURCES: ASOS 119.275 (585) 593-0203.**COMMUNICATIONS:** CTAF/UNICOM 123.0

WELLSVILLE RCD 122.1R 111.4T (BUFFALO RADIO)

CLEVELAND CENTER APP/DEP CON 124.325

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(L) VORTAC 111.4 ELZ Chan 51 N42°05.38'

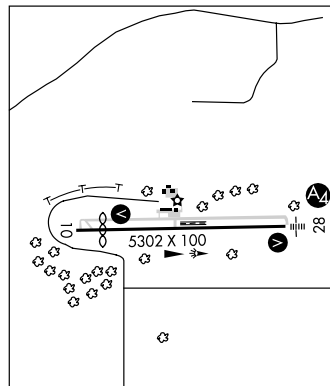
W77°59.97' 029° 1.3 NM to fld. 2296/09W.

HALOS NDB (MHW/LOM) 269 EL N42°06.61' W77°54.91' 278°

3.3 NM to fld. NOTAM FILE ELZ.

Unusable 120°-260° byd 15 NM.

ILS 110.5 I-ELZ Rwy 28. LOM HALOS NDB. LOC only. NDB unusable 120°-260° byd 15 NM.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.**WESTCHESTER CO** (See WHITE PLAINS)**WESTHAMPTON BEACH****FRANCIS S GABRESKI** (FOK) CIV/MIL/ANG 3 N UTC-5(-4DT) N40°50.62' W72°37.91'

NEW YORK

67 B S4 FUEL 100LL, JET A TPA-1167(1100) LRA NOTAM FILE FOK

COPTER

RWY 06-24: H9000X150 (ASPH-CONC) S-50, D-50, DT-100 PCN 25 R/C/X/T HIRL

H-101, 121, L-33B, 341

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 66'. Trees.

IAP, DIAP, AD

RWY 24: MALS. PAPI(P4L)—GA 3.0° TCH 85'. Trees. Rgt tfc.

RWY 15-33: H5000X150 (ASPH) S-50, D-50, DT-100

PCN 25 R/C/X/T MIRL 0.3% up NW

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 67'. Trees.

RWY 33: REIL. VASI(V4L)—GA 3.0° TCH 57.3'. Rgt tfc.

RWY 01-19: H5000X150 (ASPH-CONC) S-50, D-50, DT-100

PCN 17 R/B/Y/T 0.4% up N

RWY 01: Trees.

RWY 19: Trees.

MILITARY SERVICE: JASU (A/M32A-86) 2(MA-1A) Avbl during ANG opr hr.

FUEL J8(Mil) (NC-100LL, A) Avbl during ANG opr hr.

FLUID SP De-Ice LOX OIL O-148-156(Mil) SOAP

AIRPORT REMARKS: Attended 1200-0400Z†. Parachute Jumping.

Extensive glider activity. Birds and deer on and invof arpt.

Voluntary noise abatement procedures in effect, ctc arpt manager

631-852-8095. No 180° turns permitted on asphalt section of

Rwy 06-24. All rwys limited by arpt operator to 50,000 lbs single

and dual wheel and 100,000 lbs dual tandem wheel. Apch end

Rwy 33 and twy between Rwys 01 and 33 not visible from the twr.

Military parachute drops on fld and offshore from Shinnecock

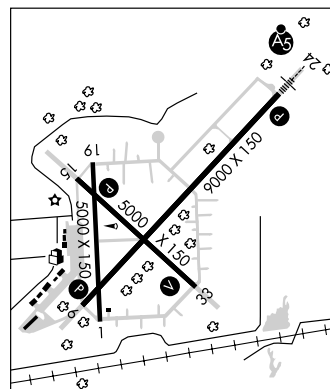
Inlet, 8 miles ESE of fld, 2000 ft AGL and blo. Aerobatic activity 1.5 NM NW of arpt SR-SS. Rwy 15-33 military

maximum effort ldg strip markings (3500X60) on rwy. Rwy 06-24 4000 ft ASPH overlay in center of rwy. When

twr clsd ACTIVATE HIRL Rwy 06-24, MIRL Rwy 15-33, VASI Rwy 33, PAPI Rwy 06, Rwy 15 and Rwy 24, MALS

Rwy 24, REIL Rwy 06, Rwy 15 and Rwy 33—CTAF. US Customs clearance svc avbl with prior notice

718-487-2691.



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MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **CAUTION**—Birds and deer hazard. Parachute jumping exercises invof arpt. Extensive glider activity. **ANG** PPR DSN 456-7362/4, C631-723-7362/4. PPR for use of helicopter transition pad. Opr 1230-2100Z. Crash facility, limited parking and tran svc during normal duty hr limited to C-130 and HH60 acft only. No svc other times. Rwy clsd to acft AUW 100,000 lb except C130/emerg until further notice. **CSTMS/AG/IMG** Customs clnc svc avbl with prior notice. (JFK) 718-487-2691 (Military flights will coordinate through Base Operations 631-723-7362/7364). Mon-Fri minimum 24 hr prior notice, Sun and holidays before 2200Z on regular business day preceding svc req date; maximum passengers 15.

WEATHER DATA SOURCES: ASOS 119.925 (631) 288-0588.

COMMUNICATIONS: CTAF 125.3 **UNICOM** 122.95

Ⓡ **NEW YORK APP/DEP CON** 125.975 343.75 343.65

TOWER 125.3 236.6 (1200-0400Z) **GND CON** 121.8 225.4

ANG OPS (RESCUE OPS) 287.5

AIRSPACE: CLASS D svc 1200-0400Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) VOR/DME 117.2 CCC Chan 119 N40°55.78' W72°47.93' 137° 9.2 NM to fld. 86/13W.

SUFFOLK CO (T) TACAN Chan 47 FOK (111.0) N40°50.27' W72°37.91' at fld. 50/13W. NOTAM FILE FOK.

Unmonitored when twr clsd. No NOTAM MP Mon 1600-2000Z.

SQUIR NDB (LOM) 400 FO N40°54.27' W72°33.39' 236° 5 NM to fld. LOM unmonitored.

NDB unusable:

251°-280° byd 7 NM

281°-250° byd 10 NM.

ILS 111.7 I-FOK Rwy 24. LOM SQUIR NDB. Unmonitored when tower is closed. Middle marker unmonitored. LOM unmonitored.

WEST 30TH ST HELIPORT (See NEW YORK)

WHEELER SACK AAF (FORT DRUM) (GTB)(KGTB) A 1 NE UTC-5(-4DT)

MONTREAL

N44°03.34' W75°43.17'

H-11C, 121, L-32F

688 B TPA—See Remarks NOTAM FILE BTW Not insp.

DIAP, AD

RWY 03-21: H10000X150 (CONC) PCN 91 R/B/W/T HIRL

RWY 03: ALSF1. PAPI. Thld dspcd 1366'. **RWY 21:** ALSF1. PAPI.

RWY 15-33: H4998X150 (CONC) PCN 51 R/C/W/T HIRL

RWY 15: MALSR. RAIL. FLOODS. **RWY 33:** FLOODS.

RWY 08-26: H4501X150 (CONC) PCN 9 R/C/W/T MIRL

MILITARY SERVICE: FUEL J8. PPR Avbl Mon-Fri 1200-0200Z, other times prior notice. **FLUID**—De-icing Type I and Type IV avbl with 3 hr prior notice. **TRAN ALERT** Limited.

MILITARY REMARKS: **RSTD** 24 hr PPR DSN 772-7536, C315-772-7536. Prior notice rqr by Fri 2100Z for weekend and following Mon. Tkf Rwy 26 and ldg Rwy 08 VFR only for Cat B, C, D acft. Rwy 03-21 accelerate stop and tkf run distance avbl 10,000'. All tran acft must notify Base Ops no later than 20 min out and must contact GTB Apch Ctl with 25-30 NM of GTB and advise of intentions. Acft that plan on arriving GTB via an IFR military training route or VFR military training route must inform Base Ops when requesting a PPR. **CAUTION** Lgt stack 860' 2 NM west of arpt. R5201 east of airfield, heavy artillery, rotary wing and fixed wing jet acft activity.

TFC PAT TPA—Rotary wing 1398(710), fixed wing 1998(1310), turbojet 2498(1810), overhead 2998(2310).

NS ABTMT Fly friendly program in effect. Does not apply to Aerial Port of Embarkation mission acft. Quiet hr policy for transient aircrews conducting practice approaches and training flights 0300-1100Z, etc airfield manager thru base ops for exceptions. **CSTMS/AG/IMG** CSTMS and AG rqr 24 hr advance notice, coordinate thru Base OPS. **MISC**

No maintenance. Full wx svc avbl. DSN 772-6065. Wx obsn view obstructed by bldgs west through northeast (250°-60°). Visibility evaluation limited to 1/4 to 1/16 of a mile in this sector. Notify twr 20 min out with Code 6 and avb on board. All tran helicopter enroute R5201 must stop GTB for rqr safety brief. Base OPS Mon-Fri 1200-0400Z, weekend 1300-2100Z, other times prior notice. Narrow Twy A, B arc 40' wide. Tight turns rqr from Twy A to B and B to A, advise GND if acft cannot make these turns. Acft inbound for Directorate of Logistics Aviation Intermediate Maintenance must arrive no later than 1900Z, etc C315-772-7536, DSN 772-7536. All transit acft crews opr on Mountain Ramp or hot pads etc Base OPS 126.2 or 280.8 (if no response etc GND) for engine start authority.

COMMUNICATIONS: ATIS 119.525

Ⓡ **APP/DEP CON** 128.25 257.6

TOWER 118.75 290.25 **GND CON** 121.9 229.8 **PMSV SACK METRO** 304.3 **BASE OPS** 126.2 280.8

FORT DRUM FLT FLW 141.025 397.75 (All acft etc Drum CON prior entry R5201.)

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

WATERTOWN (L) VORTAC 109.8 ART Chan 35 N43°57.12' W76°03.88' 079° 16.2 NM to fld. 370/12W.

DRUM NDB (MHW) 257 GTB N44°04.11' W75°44.16' 150° 1.1 NM to fld. NOTAM FILE GTB.

ILS 108.5 I-AEZ Rwy 03.

ILS 108.5 I-GTB Rwy 21.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

CONTINUED FROM PRECEDING PAGE

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **CAUTION**—Birds and deer hazard. Parachute jumping exercises invof arpt. Extensive glider activity. **ANG** PPR DSN 456-7362/4, C631-723-7362/4. PPR for use of helicopter transition pad. Opr 1230-2100Z. Crash facility, limited parking and tran svc during normal duty hr limited to C-130 and HH60 acft only. No svc other times. Rwy clsd to acft AUW 100,000 lb except C130/emerg until further notice. **CSTMS/AG/IMG** Customs clnc svc avbl with prior notice. (JFK) 718-487-2691 (Military flights will coordinate through Base Operations 631-723-7362/7364). Mon-Fri minimum 24 hr prior notice, Sun and holidays before 2200Z on regular business day preceding svc req date; maximum passengers 15.

WEATHER DATA SOURCES: ASOS 119.925 (631) 288-0588.

COMMUNICATIONS: CTAF 125.3 **UNICOM** 122.95

Ⓡ **NEW YORK APP/DEP CON** 125.975 343.75 343.65

TOWER 125.3 236.6 (1200-0400Z) **GND CON** 121.8 225.4

ANG OPS (RESCUE OPS) 287.5

AIRSPACE: CLASS D svc 1200-0400Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) VOR/DME 117.2 CCC Chan 119 N40°55.78' W72°47.93' 137° 9.2 NM to fld. 86/13W.

SUFFOLK CO (T) TACAN Chan 47 FOK (111.0) N40°50.27' W72°37.91' at fld. 50/13W. NOTAM FILE FOK.

Unmonitored when twr clsd. No NOTAM MP Mon 1600-2000Z.

SQUIR NDB (LOM) 400 FO N40°54.27' W72°33.39' 236° 5 NM to fld. LOM unmonitored.

NDB unusable:

251°-280° byd 7 NM

281°-250° byd 10 NM.

ILS 111.7 I-FOK Rwy 24. LOM SQUIR NDB. Unmonitored when tower is closed. Middle marker unmonitored. LOM unmonitored.

WEST 30TH ST HELIPORT (See NEW YORK)

WHEELER SACK AAF (FORT DRUM) (GTB)(KGTB) A 1 NE UTC-5(-4DT)

N44°03.34' W75°43.17'

MONTREAL

H-11C, 121, L-32F

DIAP, AD

688 B TPA—See Remarks NOTAM FILE BTW Not insp.

RWY 03-21: H10000X150 (CONC) PCN 91 R/B/W/T HIRL

RWY 03: ALSF1. PAPI. Thld dspcd 1366'. **RWY 21:** ALSF1. PAPI.

RWY 15-33: H4998X150 (CONC) PCN 51 R/C/W/T HIRL

RWY 15: MALSR. RAIL. FLOODS. **RWY 33:** FLOODS.

RWY 08-26: H4501X150 (CONC) PCN 9 R/C/W/T MIRL

MILITARY SERVICE: FUEL J8. PPR Avbl Mon-Fri 1200-0200Z, other times prior notice. **FLUID**—De-icing Type I and Type IV avbl with 3 hr prior notice. **TRAN ALERT** Limited.

MILITARY REMARKS: **RSTD** 24 hr PPR DSN 772-7536, C315-772-7536. Prior notice rqr by Fri 2100Z for weekend and following Mon. Tkf Rwy 26 and ldg Rwy 08 VFR only for Cat B, C, D acft. Rwy 03-21 accelerate stop and tkf run distance avbl 10,000'. All tran acft must notify Base Ops no later than 20 min out and must contact GTB Apch Ctl with 25-30 NM of GTB and advise of intentions. Acft that plan on arriving GTB via an IFR military training route or VFR military training route must inform Base Ops when requesting a PPR. **CAUTION** Lgt stack 860' 2 NM west of arpt. R5201 east of airfield, heavy artillery, rotary wing and fixed wing jet acft activity.

TFC PAT TPA—Rotary wing 1398(710), fixed wing 1998(1310), turbojet 2498(1810), overhead 2998(2310).

NS ABTMT Fly friendly program in effect. Does not apply to Aerial Port of Embarkation mission acft. Quiet hr policy for transient aircrews conducting practice approaches and training flights 0300-1100Z, etc airfield manager thru base ops for exceptions. **CSTMS/AG/IMG** CSTMS and AG rqr 24 hr advance notice, coordinate thru Base OPS. **MISC**

No maintenance. Full wx svc avbl. DSN 772-6065. Wx obsn view obstructed by bldgs west through northeast (250°-60°). Visibility evaluation limited to 1/4 to 1/16 of a mile in this sector. Notify twr 20 min out with Code 6 and avb on board. All tran helicopter enroute R5201 must stop GTB for rqr safety brief. Base OPS Mon-Fri 1200-0400Z, weekend 1300-2100Z, other times prior notice. Narrow Twy A, B arc 40' wide. Tight turns rqr from Twy A to B and B to A, advise GND if acft cannot make these turns. Acft inbound for Directorate of Logistics Aviation Intermediate Maintenance must arrive no later than 1900Z, etc C315-772-7536, DSN 772-7536. All transit acft crews opr on Mountain Ramp or hot pads etc Base OPS 126.2 or 280.8 (if no response etc GND) for engine start authority.

COMMUNICATIONS: ATIS 119.525

Ⓡ **APP/DEP CON** 128.25 257.6

TOWER 118.75 290.25 **GND CON** 121.9 229.8 **PMSV SACK METRO** 304.3 **BASE OPS** 126.2 280.8

FORT DRUM FLT FLW 141.025 397.75 (All acft etc Drum CON prior entry R5201.)

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

WATERTOWN (L) VORTAC 109.8 ART Chan 35 N43°57.12' W76°03.88' 079° 16.2 NM to fld. 370/12W.

DRUM NDB (MHW) 257 GTB N44°04.11' W75°44.16' 150° 1.1 NM to fld. NOTAM FILE GTB.

ILS 108.5 I-AEZ Rwy 03.

ILS 108.5 I-GTB Rwy 21.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

WHITE PLAINS**WESTCHESTER CO** (HPN) 3 NE UTC-5(-4DT) N41°04.02' W73°42.45'**NEW YORK**439 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index B NOTAM FILE HPN **COPTER****RWY 16-34:** H6548X150 (ASPH-GRVD) D-120, ST-152 HIRL CL 0.9% up NW**H-101, 12J, L-33B, 34H****RWY 16:** MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 72'.**IAP, AD****RWY 34:** REIL. PAPI(4PL)—GA 3.0° TCH 56'. Trees.**RWY 11-29:** H4451X150 (ASPH-GRVD) S-70, D-120, ST-152, DT-120 MIRL**RWY 11:** REIL. PAPI(P4L)—GA 3.0° TCH 52'. Trees.**RWY 29:** Thld dspcd 1287'. Trees.**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 11	16-34	2500
RWY 16	11-29	4000

RUNWAY DECLARED DISTANCE INFORMATION**RWY 16:** TORA-6548 TODA-6548 ASDA-6548 LDA-6548**RWY 34:** TORA-6548 TODA-6548 ASDA-6548 LDA-6548**RWY 11:** TORA-4451 TODA-4451 ASDA-4451 LDA-4451**RWY 29:** TORA-4451 TODA-4451 ASDA-4451 LDA-3164**AIRPORT REMARKS:** Attended continuously. Deer, birds and other wildlife on and in/ov arpt. PAEW adjacent south edge hanger 6 ramp.

Equipment and materials staged adjacent to the southern edge of

Hangar 6 ramp. Be alert: Ground equipment opr adjacent to the

east side of Twy A between Twy G and Twy F. During warmer

months PAEW adjacent to rwy and twy safety areas. Rwy 11-29

pavement condition, fair with numerous cracks. Noise abatement

procedures in effect ctc arpt management 914-995-4861. Acft

over 120,000 lbs gross ldg weight must have prior permission. Ctc arpt manager or designee 914-995-4856

with maximum gross tkf weight. Acft over 100,000 lbs must ctc arpt opr on 122.95 with actual tkf and ldg

weights. Arpt opr avbl continuously on 122.95. When twr clsd ACTIVATE HIRL Rwy 16-34, MIRL Rwy 11-29,

MALSR Rwy 16, REIL Rwy 11 and Rwy 34, and twy lgts—CTAF. PAPI Rwy 11 and Rwy 16 oper 24 hrs. Ldg fee.

Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Westchester Co Noise Abatement

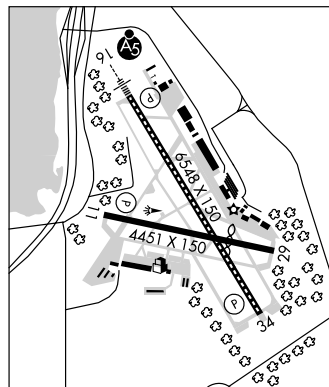
Procedures.

WEATHER DATA SOURCES: ASOS (914) 288-0216.**COMMUNICATIONS:** CTAF 118.575 D-ATIS 133.8 (914) 948-0130

UNICOM 122.95

® **NEW YORK APP CON** 126.4 (1200-0400Z‡) 120.8(0400-1200Z‡) 124.65® **NEW YORK DEP CON** 120.55**TOWER** 118.575 (1100-0400Z‡) **GND CON** 121.825 **CLNC DEL** 127.25 **PRE-TAXI CLNC** 127.25**AIRSPACE:** CLASS D svc 1100-0400Z‡ other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.**CARMEL (L) VORW/DME** 116.6 CMK Chan 113 N41°16.80' W73°34.88' 216° 14 NM to fld. 690/12W.**HESTR NDB (LOM)** 281 HP N41°08.72' W73°45.99' 162° 5.4 NM to fld. NOTAM FILE HPN.

Unusable beyond 11 NM. Unmonitored when tower clsd.

ILS/DME 109.7 I-HPN Chan 34 Rwy 16. Class IA. LOM HESTR NDB. HESTR NDB/LOM unusable beyond 11 NM. LOM unmonitored when twr clsd. LOC unusable byd 22° left of course. DME unusable byd 17 NM bio 2000'.**ILS/DME** 109.7 I-OJZ Chan 34 Rwy 34. Class IA.**WHITFORDS** (See WEEDSPORT)

WILLIAMSON-SODUS (SDC) 3 W UTC-5(-4DT) N43°14.08' W77°07.17'

424 B S4 FUEL 100LL TPA-1100(675) NOTAM FILE BUF

RWY 10-28: H3801X60 (ASPH) S-12 MIRL

RWY 10: PAPI(P2L)—GA 3.0° TCH 20'. Tree.

RWY 28: PAPI(P2L)—GA 3.0° TCH 20'. Pole.

AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z†. Credit card fuel avbl 24 hrs. Geese and deer on and invof arpt. ACTIVATE MIRL Rwy 10-28—CTAF.

WEATHER DATA SOURCES: AWOS-3 124.2 (315) 483-6171.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **ROCHESTER APP/DEP CON** 119.55

RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.

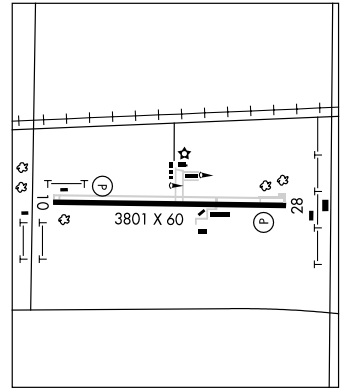
ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08' W77°40.37' 086° 25.3 NM to fld. 549/12W.

COMM/NAV/WEATHER REMARKS: Cinc del thru Flight Services 1-888-766-8267.

DETROIT

L-33E, 32F

IAP



WURTSBORO-SULLIVAN CO (N82) 2 NE UTC-5(-4DT) N41°35.83' W74°27.50'

560 NOTAM FILE ISP

RWY 05-23: H3592X60 (ASPH) S-30 0.3% up SW

RWY 05: Thld dspcd 233'. Pole. RWY 23: Brush.

RWY 14-32: 2101X120 (TURF) 0.6% up NW

RWY 14: Ridge. RWY 32: Trees.

RWY 18-36: 1250X150 (TURF) 0.3% up N

RWY 18: Ridge. RWY 36: Trees.

RWY 09-27: 1100X110 (TURF) 0.7% up W

RWY 09: Tree. RWY 27: Trees.

AIRPORT REMARKS: Attended 1400-2200Z†. Winter months attended till dusk. Extensive glider activity. Tower elev 1690' MSL 250' AGL. Located 9000' NE thld app Rwy 23. Deer on and in vicinity of arpt. +86' tree 120' out and 150' right of Rwy 23 centerline.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **NEW YORK APP/DEP CON** 132.75

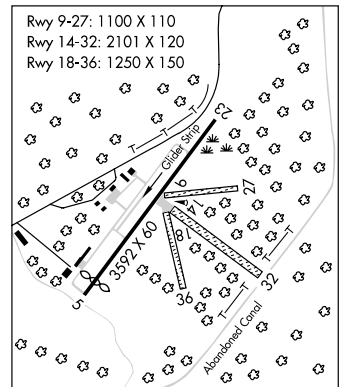
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 274° 28.9 NM to fld. 580/12W. HIWAS.

NEW YORK

L-33A, 34H

IAP



ALBERT (See PHILIPSBURG)

ALLEGHENY CO (See PITTSBURGH)

ALLENTOWN N40°43.60' W75°27.29' NOTAM FILE ABE.

NEW YORK

(L) VORTAC 117.5 FJC Chan 122 182° 4.5 NM to Lehigh Valley Intl.
680/10W.

H-101, L-30K, 33A, 34G

DME portion unusable 061°-299° byd 30 NM blo 4000'; 300°-060° byd 26 NM blo 4500'.

VOR portion unusable:

021°-189° byd 10 NM

340°-349° byd 24 NM

190°-260° byd 24 NM

340°-349° blo 4000'

190°-260° blo 9000'

350°-020° byd 33 NM blo 4000'

261°-319° byd 9 NM blo 4000'

350°-020° blo 3500'

320°-339°

RCO 122.1R 117.5T (WILLIAMSPORT RADIO)

ALLENTOWN

ALLENTOWN QUEEN CITY MUNI (XLL) 2 SW UTC-5(-4DT) N40°34.22' W75°29.30'

NEW YORK

399 B S2 FUEL 100LL, JET A TPA-1599(1200) NOTAM FILE IPT

L-30K, 33A, 34G

RWY 07-25: H3949X75 (ASPH-GRVD) S-12 MIRL

IAP

RWY 07: REIL. PAPI(P4L)-GA 3.0°. Trees.

RWY 25: REIL. PAPI(P4L)-GA 3.5°. Trees.

RWY 15-33: H3159X75 (ASPH) S-12 MIRL 0.4% up SE

RWY 15: Tree.

AIRPORT REMARKS: Attended 1200-2300Z±. For svc after hrs ctc

610-266-6000. Deer, groundhogs, birds on and invof arpt. Noise abatement procedures in effect, for details call arpt management at 610-791-5193. ACTIVATE MIRL Rwy 07-25 and Rwy 15-33, REIL Rwy 07 and Rwy 25-CTAF. Landing fee.

WEATHER DATA SOURCES: AWOS-3 127.875 (610) 791-5463.

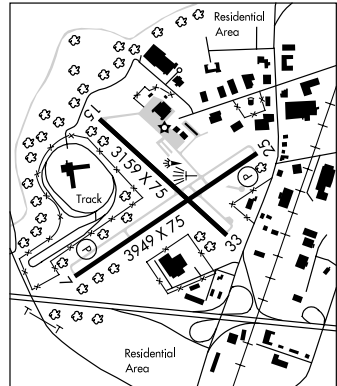
COMMUNICATIONS: CTAF/UNICOM 122.7

® APP/DEP CON 118.2 (3000 and blo) 119.65 (above 3000 from north) 124.45 (above 3000 from south)

CLNC DEL 118.9

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 103° 9 NM to fld. 742/09W.



LEHIGH VALLEY INTL (ABE) 3 NE UTC-5(-4DT) N40°39.14' W75°26.42'

NEW YORK

393 B S4 FUEL 100LL, JET A OX 1, 2 TPA—See Remarks LRA

H-101, 121, L-33A, 34G

Class I, ARFF Index C NOTAM FILE ABE

IAP, AD

RWY 06-24: H7600X150 (ASPH-GRVD) S-75, D-209, ST-175, DT-370 HIRL CL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 48'.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 60'. Thld dspcd 500'. Road.

RWY 13-31: H5797X150 (ASPH-GRVD) S-75, D-161, ST-175, DT-290 HIRL

RWY 13: MALSR.

RWY 31: REIL. VASI(V4L)—GA 3.0° TCH 45'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7600 TODA-7600 ASDA-7600 LDA-7600

RWY 24: TORA-7600 TODA-7600 ASDA-7600 LDA-7100

RWY 13: TORA-5797 TODA-5797 ASDA-5797 LDA-5797

RWY 31: TORA-5797 TODA-5797 ASDA-5797 LDA-5797

AIRPORT REMARKS: Attended continuously. Birds; groundhogs and deer on and invof arpt. Noise abatement procedures for turbojet powered acft in effect; preferential Rwy 06-24. Rwy 06 and 24 fly rwy heading until 2000 ft. Rwy 06, 13 and 24 departures be advised that departures are over a noise sensitive area. Rwy 31 turbojet departures turn rgt heading 360° until 2000 ft MSL. TPA—1400(1006) reciprocating props; 2000(1606) turbine powered acft. Rwy 06 touchdown and rollout runway visual range avbl. Rwy 24 touchdown and rollout runway visual range avbl. Military acft plan to park and refuel on FBO apron W of Rwy 13-31 and S of Twy A. Twy C restricted to maximum acft weight 12,500 lbs. Twy B south of Twy B3 restricted to acft with wingspan 118' or less. Twy E north of Rwy 06-24 in very poor condition with sections of broken pavement. Restricted to maximum acft weight 12,500 lbs. Twy J restricted to acft with wingspan 118' or less. U.S. Customs user fee arpt. Ldg fee. Flight Notification Service (ADCUS) avbl—2 hours PPR.

WEATHER DATA SOURCES: ASOS (610) 266-3579.

COMMUNICATIONS: ATIS 126.975 UNICOM 122.95

ALLENTOWN RCO 122.1R 117.5T (WILLIAMSPORT RADIO)

® APP/DEP CON 118.2 (3000 and blo), 119.65 (above 3000 from north) 124.45 (above 3000 from south)

TOWER 120.5 GND CON 121.9 CLNC DEL 124.05

AIRSPACE: CLASS C svc continuous ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.

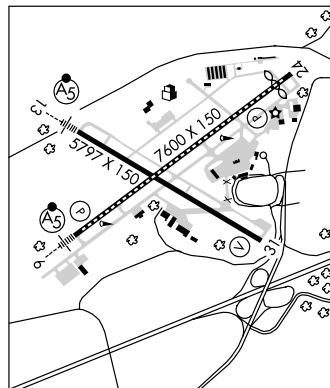
(L) VORTAC 117.5 FJC Chan 122 N40°43.60' W75°27.29' 182° 4.5 NM to fld. 680/10W.

LEEHI NDB (LOM) 400 AB N40°35.15' W75°32.97' 061° 6.4 NM to fld.

ILS 110.7 I-ABE Rwy 06. LOM LEEHI NDB.

ILS 111.9 I-BXY Rwy 13. Class IC.

ILS/DME 108.55 I-GUW Chan 22(Y) Rwy 24. Class IE.



ALTOONA**ALTOONA—BLAIR CO** (AOO) 12 S UTC-5(-4DT) N40°17.78' W78°19.20'

DETROIT

1503 B S4 FUEL 100LL, JET A OX 1, 3 Class I, ARFF Index A NOTAM FILE AOO H-10H, 12I, L-29D, A
RWY 03-21: H5465X100 (ASPH-GRVD) S-16, D-44 HIRL 0.6% up S IAP

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 54'. Trees.

RWY 12-30: H3668X75 (ASPH) S-11.5, D-33 MIRL

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 55'. Tree.

RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 54'. Tree.

AIRPORT REMARKS: Attended 1000-0130Z†. PAEW adjacent all rws and twys 1100-0200Z† (annually) 1 May through 31 Oct except safety areas will remain clear during air carrier ops. Preferred runway is Rwy 21; for noise abatement when departing Rwy 03, maintain rwy heading until 2 NM North of airport. Specialized acft (ultralgt, homebuilt, etc) ctc arpt manager 814-793-3872 or UNICOM prior to ldg. PPR 24 hours for unscheduled air carrier and non-air carrier ops with more than 30 passenger seats call arpt manager 814-793-3872. HIRL Rwy 03-21 and MIRL Rwy 12-30 preset low ints; to increase ints and ACTIVATE PAPI Rwy 12, Rwy 30, Rwy 03 and Rwy 21, MALSR Rwy 21 and REIL Rwy 03, Rwy 12 and Rwy 30—CTAF.

WEATHER DATA SOURCES: ASOS 127.125 (814) 793-9655.**COMMUNICATIONS:** CTAF 123.6 UNICOM 123.0

RCO 123.6 122.65 122.2 122.1R (ALTOONA RADIO)

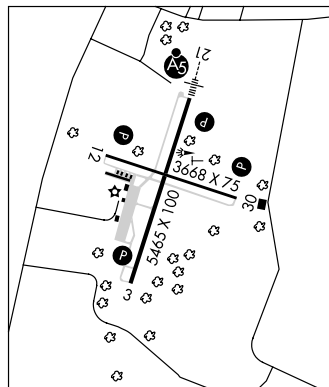
® CLEVELAND CENTER APP/DEP CON 121.2

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.JOHNSTOWN (L) VORTAC 113.0 JST Chan 77 N40°19.00' W78°50.05' 099° 23.6 NM to fld. 2280/06W.
NOTAM FILE JST.

(T) VOR 108.8 AOO N40°19.53' W78°18.22' 210° 1.9 NM to fld.

VOR unusable 070°-125° 235°-260° 290°-350°

ILS 111.1 I-AOO Rwy 21. Class IE. LOC unusable byd 25° right of course.

COMM/NAV/WEATHER REMARKS: Ctc Altoona Radio for remote airport advisory service on 123.6.**AMBLER** N40°07.56' W75°17.11' NOTAM FILE IPT.

NEW YORK

NDB (MHW) 275 ING 064° 1.2 NM to Wings Fld. OTS indef.

L-346

ARNOLD PALMER RGNL (See LATROBE)**BALLY****BUTTER VALLEY GOLF PORT** (7N8) 1 E UTC-5(-4DT) N40°23.89' W75°33.86'

NEW YORK

500 S2 FUEL 100LL NOTAM FILE IPT

RWY 16-34: 2420X85 (ASPH-TURF)

RWY 16: Thld dsplcd 205'. Road. RWY 34: Thld dsplcd 150'. Road.

AIRPORT REMARKS: Attended daylight hours. Rwy 16-34 lies in middle of golf course. Trees and substantial terrain elevation changes within 125' of each rwy edge. Rwy 16-34 1535X24 ASPH at south end; remainder turf. Rwy 16 end marked with yellow wood panels; turf rwy edges marked with tires painted yellow. Markings on paved surface faded. Rwy 34 dsplcd thld marked with 3 white lines. Rwy 16 dsplcd thld marked by 3 yellow tires.

COMMUNICATIONS: CTAF/UNICOM 122.8**BANDEL** (See EIGHTY FOUR)**BARTY** N41°16.61' W75°46.54' NOTAM FILE AVP.

NEW YORK

NDB (LOM) 257 AV 044° 4.4 NM to Wilkes-Barre/Scranton Intl. Unusable byd 10 NM.

BAUBLITZ COMMERCIAL (See BROGUE)**BEAVER CO** (See BEAVER FALLS)

BEAVER FALLS**BEAVER CO** (BVI) 3 NW UTC-5(-4DT) N40°46.35' W80°23.49'

1253 B S4 FUEL 100LL, JET A NOTAM FILE A00

RWY 10-28: H4501X100 (ASPH-GRVD) S-16, D-32 MIRL 1.1% up E**RWY 10:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.**RWY 28:** PAPI(P4L)—GA 3.0° TCH 40'. REIL. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-0200Z†, Sat-Sun 1400-2200Z†. Arpt unattended federal holidays. Noise abatement procedures in effect, etc arpt manager Mon-Fri 1300-2100Z† for details at 724-847-4662. When twr clsd MIRL Rwy 10-28 and twy lgts opr low ints. Increase ints and ACTIVATE REIL Rwy 10 and Rwy 28—CTAF. PAPI Rwy 10 and Rwy 28 opr continuously.

COMMUNICATIONS: CTAF 120.3 ATIS 118.35**ELWOOD CITY RCO** 122.1R 115.8T (ALTOONA RADIO)® **PITTSBURGH APP/DEP CON** 124.75**TOWER** 120.3 (1200-0200Z†) **GND CON** 121.8**CLNC DEL** 124.85 (when twr clsd)**AIRSPACE:** CLASS D svc 1200-0200Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE A00.

ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50' W80°12.69' 257° 8.8 NM to fld. 1227/08W.

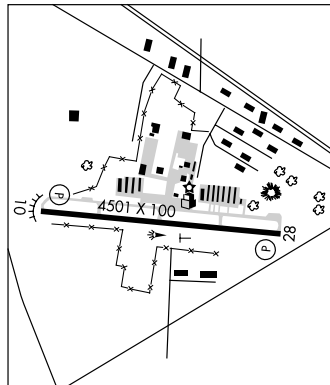
ILS 109.3 I-BVI Rwy 10. LOC only. LOC unmonitored when twr closed.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.

DETROIT

L-29C

IAP

**BEDFORD CO** (HMZ) 4 N UTC-5(-4DT) N40°05.17' W78°30.81'

1162 B S4 FUEL 100LL, JET A OX 1 NOTAM FILE A00

RWY 14-32: H5005X75 (ASPH) S-38, D-60, DT-100 MIRL**RWY 14:** REIL. PAPI(P2L)—GA 3.0° TCH 50'. Ground. Rgt tfc.**RWY 32:** REIL. PAPI(P2L)—GA 4.0° TCH 50'.

AIRPORT REMARKS: Attended 1200-2300Z†. For svcs after hrs call 814-623-1862. High terrain (mountain ridges) southeast of arpt lgtd with red obstruction lgts. ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF. PAPI Rwy 14 and Rwy 32 remain on. Landing fee for all acft exc light single engine.

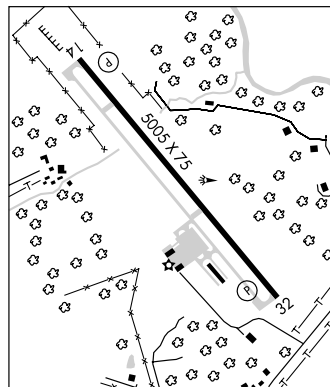
WEATHER DATA SOURCES: AWOS-3 123.675 (814) 623-2936.**COMMUNICATIONS:** CTAF/UNICOM 122.7**CLEVELAND CENTER APP/DEP CON** 124.4**RADIO AIDS TO NAVIGATION:** NOTAM FILE A00.**ST THOMAS (L) VORTAC** 115.0 THS Chan 97 N39°55.99'

W77°57.06' 297° 27.5 NM to fld. 2340/07W.

WASHINGTON

H-10H, 121, L-29D

IAP



BELLEFONTE (N96) 3 SW UTC-5(-4DT) N40°53.13' W77°48.98'
 1071 B S4 FUEL 100LL, JET A TPA-2100(1029) NOTAM FILE AOO
 RWY 07-25: H3585X40 (ASPH) LIRL (NSTD)

RWY 07: Thld dsplcd 238'. Tree.

RWY 25: PAPI (P2L)—GA 3.5° TCH 40°. Rgt tfc.

AIRPORT REMARKS: Attended 1300-dusk. For svc after hrs ctc 814-355-7407. Ultralights on and in/ovf arpt. Extensive student training on arpt. All helicopters required to use fixed wing tfc pattern. Heavy glider activity during dalgth hrs, all altitudes within 10 NM area, all directions, especially along ridge 1 NM west and north of arpt. Rwy 07 dsplcd thld unlgtd.

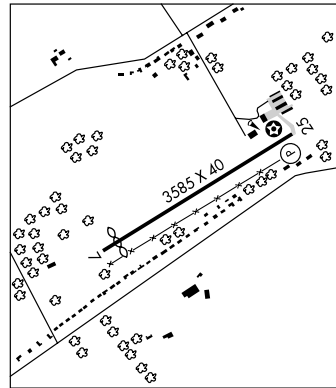
ACTIVATE rotating bcn and LIRL Rwy 07-25-122.7. Rwy 07-25 NSTD LIRL, edge lgts more than 10 ft outward from pavement edge, standard thld lgts. Rwy 07-25 first 30' on Rwy end 25 not lgtd.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK CENTER APP/DEP CON 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

TYRONE (L) VORTAC 114.9 TON Chan 96 N40°44.11'
 W78°19.88' 076° 25.1 NM to fld. 2630/07W.



DETROIT
 L-301
 IAP

BELLSGROVE N40°26.16' W76°33.18' NOTAM FILE IPT.
 NDB (MHW) 328 BZJ at Muir AAF. (Fort Indiantown Gap)

NEW YORK
 L-301, 346, A

BELTZVILLE (See LEHIGHTON)

BENDIGO (See TOWER CITY)

BENJE N40°22.53' W79°16.30' NOTAM FILE LBE.
 NDB (MHW) 382 BHU 233° 8.5 NW to Arnold Palmer Rgnl.

DETROIT
 L-29C

BENSALEM

TOTAL RF HELIPORT (ØØA) 1 E UTC-5(4-4DT) N40°04.25' W74°56.02'
 11 S2 NOTAM FILE IPT

NEW YORK

HELIPAD H1: H80X80 (ASPH) PERIMETER LIGHTS

HELIPORT REMARKS: Attended Mon-Fri 1330-2300Z+. After hrs 215-990-5300. Ingress/egress 290°-110° and 20°-200°.

COMMUNICATIONS: CTAF 122.9

BERMUDIAN VALLEY AIRPARK (See KRALLTOWN)

BETHEL

GRIMES (8N1) 2 E UTC-5(-4DT) N40°29.09' W76°15.81'
 582 NOTAM FILE IPT
 RWY 11-29: 2720X100 (TURF)

NEW YORK

RWY 11: Thld dsplcd 250'. Road.

RWY 29: Thld dsplcd 270'. Road.

AIRPORT REMARKS: Attended dawn-dusk. Parachute Jumping. Rwy 11-29 first 700 ft of rwy on W end unusable in early spring due to wet conditions. Rwy 11-29 marked with white elevated plastic containers. Rwy 11 and 29 dsplcd thlds marked with 3 red elevated plastic containers.

COMMUNICATIONS: CTAF/UNICOM 122.8

BLOOMSBURG MUNI (N13) 0 E UTC-5(-4DT) N40°59.87' W76°26.16'

481 B S4 FUEL 100LL TPA-1581(1100) NOTAM FILE IPT

RWY 08-26: H2800X50 (ASPH) S-12.5 LIRL

RWY 08: Road. RWY 26: Pole.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z, Sat 1300-1700Z. For svc after hrs call 570-683-5604 or 570-875-0375. Overnight fee. Fee waived with fuel purchase.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **WILKES-BARRE APP/DEP CON** 126.3

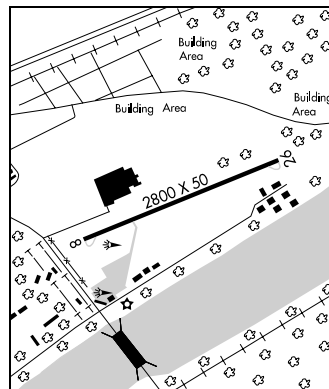
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MILTON (L) VORTACW 109.2 MIP Chan 29 N41°01.40' W76°39.92' 107° 11.3 NM to fld. 1000/09W.

NEW YORK

L-30J

IAP



BLUE KNOB VALLEY (See NEWRY)

BRADEN AIRPARK (See EASTON)

BRADFORD CO (See TOWANDA)

BRADFORD N41°47.19' W78°37.16' NOTAM FILE BFD.

(L) VOR/DME 116.6 BFD Chan 113 324° 1.4 NM to fld. 2100/07W.

VOR unusable:

145°-156° byd 10 NM

156°-262°

341°-049°

RCO 122.1R 116.6T (ALTOONA RADIO) RCO 122.2 122.3 (ALTOONA RADIO)

DETROIT

L-30I

BRADFORD RGNL (BFD) 10 S UTC-5(-4DT) N41°48.18' W78°38.41'

2143 B S2 FUEL 100LL, JET A ARFF Index—See Remarks NOTAM FILE BFD

RWY 14-32: H6309X150 (ASPH-GRVD) S-48, D-60, DT-92 HIRL

RWY 14: REIL. VASI(V4L)—GA 3.0° TCH 42'. Trees.

RWY 32: MALSR. Pole.

RWY 05-23: H4500X100 (ASPH-GRVD) S-48, D-60 MIRL 0.3% up NE

RWY 05: REIL. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1200-0100Z. Class I, ARFF Index A. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 814-368-5928. Index B coverage provided 1200-0100Z. After 0100Z, for emergencies call 814-465-9998. Deer and birds on and invof arpt. No snow removal avbl 1200-0100Z. Acft de-icing avbl. Rwy 05 REIL OTS indef. ACTIVATE REIL Rwy 05, Rwy 14 and Rwy 23, MALSR Rwy 32, HIRL Rwy 14-32, MIRL Rwy 05-23, VASI Rwy 14, PAPI Rwy 23, and twy lgtS—CTAF. Ldg fee.

WEATHER DATA SOURCES: ASOS 133.825 (814) 368-2581.

COMMUNICATIONS: CTAF/UNICOM 123.075

RCO 122.2 122.3 (ALTOONA RADIO)

CLEVELAND CENTER APP/DEP CON 124.325

AIRSPACE: CLASS E svc Mon-Fri 1100-0330Z, Sat 1100-2330Z, Sun 1300-0330Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BFD.

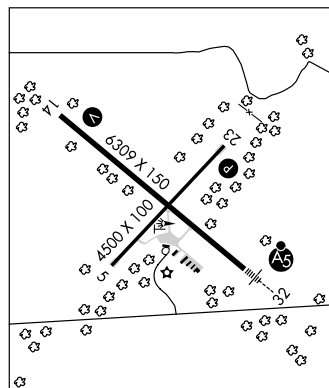
(L) VOR/DME 116.6 BFD Chan 113 N41°47.19' W78°37.16' 324° 1.4 NM to fld. 2100/07W.

ILS 108.3 I-BFD Rwy 32. Class IT.

DETROIT

H-10H, 12I, L-30I

IAP



BRANDYWINE (See WEST CHESTER)

BROGUE**BAUBLITZ COMMERCIAL** (9W8) 1 S UTC-5(-4DT) N39°51.14' W76°29.18'

WASHINGTON

750 S2 FUEL 100LL NOTAM FILE IPT

RWY 10-28: 2493X100 (TURF)

RWY 10: Thld dsplcd 476'. Pole.

RWY 28: Thld dsplcd 200'. Road.

AIRPORT REMARKS: Attended dalgt hrs. Daylight ops only. No winter snow removal. Rwy 10-28 edges and rwy ends marked by yellow flush painted markers. Rwy 10 dsplcd thld marked by 2 yellow flush markers each side of rwy. Rwy 28 dsplcd thld marked by 2 yellow flush markers each side of rwy.

COMMUNICATIONS: CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** For pick-up clearance call 410-859-7256.**BROKENSTRAW** (See PITTSFIELD)**BUTLER****BUTLER FARM SHOW** (3G9) 3 W UTC-5(-4DT) N40°51.15' W79°58.49'

DETROIT

1333 B FUEL 100LL NOTAM FILE AOO

RWY 18-36: H2580X38 (ASPH) S-9 LIRL

RWY 18: Thld dsplcd 180'. Pole.

RWY 36: Thld dsplcd 123'. Trees.

AIRPORT REMARKS: Attended irregularly. Rwy 18-36 CLOSED to touch and go ldg. Ultralight ops prohibited. Bird activity invof rwy. LIRL Rwy 18-36 opr dusk-0500Z+. After 0500Z+ ACTIVATE LIRL Rwy 18-36 —CTAF. Rwy 18-36 lgt d thld Rwy 18 dsplcd 180 ft; lgt d thld Rwy 36 dsplcd 123 ft. LIRL NSTD distance from rwy edge. Rwy 18-36 single wheel capacity 9000 lbs per arpt manager. + 22 ft marked pline 292 ft from Rwy 18 thld on extended centerline. Rwy 18 and Rwy 36 dsplcd thld markings are yellow.

COMMUNICATIONS: CTAF/UNICOM 122.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.

ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50' W80°12.69'

089° 10.9 NM to fld. 1227/08W.

BUTLER CO/W SCHOLTER FLD (BTP) 5 SW UTC-5(-4DT) N40°46.60' W79°57.07'

DETROIT

1248 B S4 FUEL 100LL, JET A OX 1, 2 NOTAM FILE BTP

L-29C

RWY 08-26: H4801X100 (ASPH-GRVD) S-37, D-50 HIRL

IAP

RWY 08: MALSF. PAPI(P4L)—GA 3.0°TCH 53'.

RWY 26: REIL. PAPI(P4L)—GA 3.5° TCH 60'. Trees.

AIRPORT REMARKS: Attended 1130-0200Z+. Unattended Christmas Day. Noise abatement procedures in effect, ctc arpt manager 724-586-6665. ACTIVATE HIRL Rwy 08-26; MALSF Rwy 08, PAPI Rwy 08 and Rwy 26—CTAF.

WEATHER DATA SOURCES: AWOS-3 133.825 (724) 586-6434. SAWRS.**COMMUNICATIONS:** CTAF/UNICOM 122.8

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

⑧ PITTSBURGH APP/DEP CON 124.75 CLNC DEL 128.7

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50'

W80°12.69' 112° 12.2 NM to fld. 1227/08W.

ILS 111.5 I-BTP Rwy 08.

**BUTTER VALLEY GOLFPOR** (See BALLY)**CAMOR** N39°52.97' W79°44.68' NOTAM FILE AOO.

CINCINNATI

NDB (MHW/LOM) 299 VV 049° 6.1 NM to Connellsville. Unusable byd 10 NM.

L-29C

CANADENSIS**FLYING DOLLAR** (8N4) 2 N UTC-5(-4DT) N41°13.01' W75°14.98'

NEW YORK

1400 S4 NOTAM FILE IPT

RWY 02-20: 2405X100 (TURF)

RWY 20: Thld dsplcd 500'. Trees.

AIRPORT REMARKS: Attended dalgt hrs. Landing north-takeoff south wind permitting. No snow removal. Rwy 02 marked by white tires. Rwy 20 dsplcd thld marked with red painted tires.

COMMUNICATIONS: CTAF 122.9

CAPITAL CITY (See HARRISBURG)

CARBON N40°48.72' W75°45.55' NOTAM FILE IPT.
NDB (MHW) 339 LQX at Jake Arner Memorial. Unusable byd 12 NM.

NEW YORK
 L-30K, 34G

CARLISLE (N94) 2 SE UTC-5(-4DT) N40°11.28' W77°10.46'
 510 B S2 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE IPT

DETROIT
 L-29E, A
 IAP

RWY 10-28: H4008X40 (ASPH) S-12.5, D-12.5 LIRL(NSTD)

RWY 10: PVASI(P SIL)—GA 4.0'. Thld dsplcd 106'. Tree.

RWY 28: PVASI(P SIL)—GA 3.0'. Thld dsplcd 100'. Sign.

AIRPORT REMARKS: Attended 1400-2300Z+. During ngt ops trailer park lgts located south of rwy could be mistaken for rwy lgts. Birds and deer on and infov arpt. Rwy 10-28 surface cracks. Rwy 10-28 rwy lgtd length avbl for night ops 3802'. TPA—1510 (1000) small acft; 2010 (1500) large and turbine powered acft. Rwy 10-28 dsplcd thld markings missing arrows. ACTIVATE NSTD LIRL Rwy 10-28 and PVASI Rwys 10 and 28—CTAF. Rwy 10-28 NSTD LIRL; first 106' Rwy 10 unlgtd; first 100' Rwy 28 unlgtd.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **HARRISBURG APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CYX.

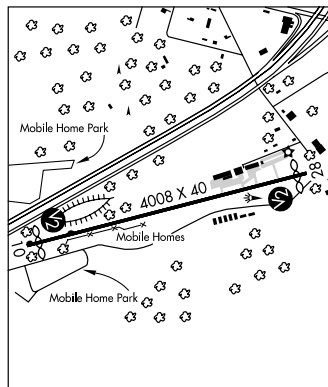
HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13'

W77°04.17' 225° 8.4 NM to fld. 1301/10W.

LATE NDB (LOM) 219 CX N40°10.69' W77°00.35' 285° 7.8

NM to fld. Unmonitored when Capital City twr clsd.

COMM/NAV/WEATHER REMARKS: For pick-up clearance TF 800-932-0712.



CASCADE N42°07.15' W80°06.28' NOTAM FILE ERI.

DETROIT
 L-30H

NDB (MHW) 372 CQD 243° 3.9 NM to Erie Intl/Tom Ridge Fld. (NDB unmonitored when Erie Intl tower clsd)

CASTLE N41°01.38' W80°24.95' NOTAM FILE AOO.

DETROIT
 L-30H

NDB (MHW) 272 UCP at New Castle Muni.

CENTRE HALL

CENTRE AIRPARK (N16) 2 SE UTC-5(-4DT) N40°48.70' W77°39.43'

DETROIT

1307 NOTAM FILE AOO

RWY 06-24: 3100X210 (TURF)

RWY 06: Thld dsplcd 400'. Tree.

RWY 24: Thld dsplcd 400'. Tree.

AIRPORT REMARKS: Attended dawn to dusk. For svc call 814-364-1479/1664. Ultralight activity on and in vicinity of arpt. Rwy 06-24 not maintained winter months. Rwy 06-24 marked with red painted barrels.

COMMUNICATIONS: CTAF 122.9

PENNS CAVE (N74) 4 NE UTC-5(-4DT) N40°53.42' W77°36.15'

DETROIT

1260 NOTAM FILE AOO

RWY 07-25: H2500X40 (ASPH)

RWY 07: Tree.

RWY 25: Tree.

AIRPORT REMARKS: Attended dalgt hours. Deer on and infov arpt at ngt. 750 ft AGL mountains ½ mile south and 700 ft AGL mountain ½ mile north; both unlgtd and unmarked. Rwy 07-25 first 864 ft of Rwy 07 has a 3.3% upslope. No ngt ops.

COMMUNICATIONS: CTAF/UNICOM 122.8

CHAMBERSBURG

FRANKLIN CO RGNL (N68) 3 N UTC-5(-4DT) N39°58.38' W77°38.60'

WASHINGTON
L-29D, A
IAP

697 B S2 TPA-1497(800) NOTAM FILE IPT

RWY 06-24: H3300X75 (ASPH) S-12.5 LIRL

RWY 06: Pole.

RWY 24: VASI(V2L)—GA 3.0°TCH 40'. Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Parachute Jumping. ACTIVATE LIRL Rwy 06-24 and VASI Rwy 24—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

ST THOMAS RCO 122.1R 115.0T (ALTOONA RADIO)

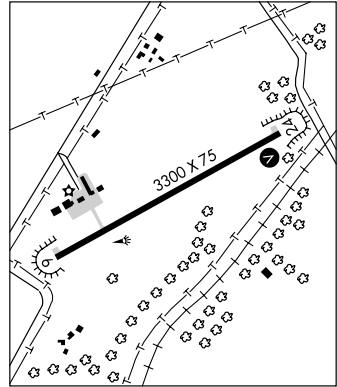
Ⓡ HARRISBURG APP/DEP CON 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99'

W77°57.06' 087° 14.4 NM to fld. 2340/07W.

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.



CHERRY RIDGE (See HONESDALE)

CHESTER CO G. O. CARLSON (See COATESVILLE)

CLARION CO (AXQ) 3 NW UTC-5(-4DT) N41°13.50' W79°26.53'

DETROIT
H-10H, 12I, L-30H
IAP

1458 B FUEL 100LL, JET A NOTAM FILE AOO

RWY 06-24: H5003X75 (ASPH) S-15 MIRL 0.5% up NE

RWY 06: REIL. PAPI(P2L)—GA 3.0°TCH 40'. Scrub trees.

RWY 24: REIL. PAPI(P2L)—GA 3.0°TCH 40'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±, Sat-Sun 1300-1700Z±. ACTIVATE REIL and PAPI Rws 06 and 24 key CTAF 7 times; for PAPI only Rws 06 and 24 key 5 times; key 3 times for off.

WEATHER DATA SOURCES: AWOS-3 118.275 (814) 227-2899.

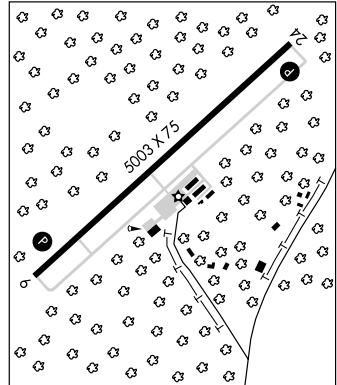
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ CLEVELAND CENTER APP/DEP CON 126.72

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78'

W79°27.48' 015° 4.8 NM to fld. 1520/06W.



CLARION N41°08.78' W79°27.48' NOTAM FILE AOO.

DETROIT
H-10H, L-30H

(L) VOR/DME 112.9 CIP Chan 76 015° 4.8 NM to Clarion Co. 1520/06 W.

VOR portion unusable 215°-223°.

RCO 122.1R 112.9T (ALTOONA RADIO)

CLEARFIELD—LAWRENCE (FIG) 2 NE UTC-5(-4DT) N41°02.92' W78°24.79'

DETROIT

1516 B FUEL 100LL, JET A NOTAM FILE FIG

L-301

RWY 12-30: H4500X75 (ASPH) S-12.5 MIRL

IAP

RWY 12: PAPI(P2L)—GA 3.1° TCH 29'.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 27'.

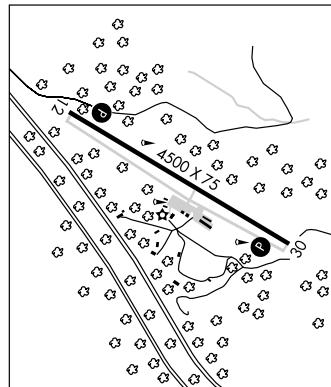
AIRPORT REMARKS: Attended 1300-2200Z+. After hrs call 814-765-2145/9108. CLOSED Christmas and New Years. Deer and birds on rwy periodically. ACTIVATE MIRL Rwy 12-30; REIL Rwy 30, PAPI Rwy 12 and Rwy 30—CTAF.

WEATHER DATA SOURCES: ASOS 119.275 (814) 765-9703.**COMMUNICATIONS:** CTAF/UNICOM 122.725

® NEW YORK CENTER APP/DEP CON 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 303° 20.7 NM to fld. 2440/10W.

**COATESVILLE****CHESTER CO G O CARLSON** (MQS) 2 W UTC-5(-4DT) N39°58.74' W75°51.93'

WASHINGTON

660 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 NOTAM FILE IPT

H-101, 121, L-346, A

RWY 11-29: H5400X100 (ASPH-GRVD) S-30, D-48 HIRL 0.4% up E.

IAP

RWY 11: REIL VASI(V4R)—GA 3.0° TCH 51'. Trees.

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 57'. Trees.

AIRPORT REMARKS: Attended continuously. For service after hrs ctc 484-880-2959. Migratory birds and deer on and in/ov arpt. Helicopter ops in/ov arpt south and southwest of Keystone Helipad. Helicopter traffic requested to land and takeoff from rwy only. Turn right 10° departing Rwy 11 to avoid hospital 4000 ft. +164 ft water tower 1343 ft from Rwy 11 thld 1842 ft right marked with strobe lgt dalgt hours; standard obstruction lgt ngt hours. Noise abatement procedures in effect ctc FBO 610-384-9000. Twy F has barrier northeast corner. Twys have NSTD centerline markings. ACTIVATE HIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF.

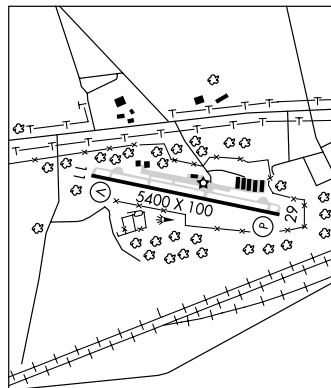
WEATHER DATA SOURCES: AWOS-3 126.25 (610) 384-6132**COMMUNICATIONS:** CTAF/UNICOM 122.7

MODENA RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

® PHILADELPHIA APP/DEP CON 124.35 CLNC DEL 125.6 TF 800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08' W75°40.25' 301° 9.7 NM to fld. 474/09W. HIWAS. ILS 108.5 I-MQS Rwy 29. Class IA.

**COLLEGEVILLE****PERKIOMEN VALLEY** (N1Ø) 2 NE UTC-5(-4DT) N40°12.24' W75°25.82'

NEW YORK

277 B FUEL 100LL NOTAM FILE IPT

L-346, A

RWY 09-27: H2880X40 (ASPH) S-12.5 LIRL(NSTD) 1.0% up E

IAP

RWY 09: Thld dsplcd 420'. Trees. RWY 27: Thld dsplcd 370'. Trees.

AIRPORT REMARKS: Attended 1300Z+-dusk. ACTIVATE LIRL Rwy 09-27 and rotating bcn—CTAF. Rwy 09-27 NSTD LIRL and no rwy end lgts. Rwy 27 dsplcd thld marked with 2 parallel white lines; lgt with 4 red and green lgts each side of rwy. Rwy 09 dsplcd thld lgts 150' down rwy from thld markings. Rwy 09-27 NSTD basic markings, arrows small and misaligned, double threshold bar and small numbers.

COMMUNICATIONS: CTAF/UNICOM 122.8

® PHILADELPHIA APP/DEP CON 126.85 CLNC DEL 118.55 TF 800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

POTTSTOWN (L) VORTAC 116.5 PTW Chan 112 N40°13.34' W75°33.62' 109° 6.1 NM to fld. 290/09W.

COLUMBIA**McGINNESS** (8N7) 1 SE UTC-5(-4DT) N40°01.51' W76°29.23'

NEW YORK

334 NOTAM FILE IPT

RWY 11-29: 1850X120 (TURF)

RWY 11: Trees. RWY 29: Trees.

RWY 08-26: 1800X100 (TURF)

RWY 08: Trees. RWY 26: Brush.

AIRPORT REMARKS: Attended continuously. Snow removal not avbl during winter months. Rwy 08-26 and Rwy 11-29 marked with painted tires and V-boards.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For pickup clearance TF 800-932-0712.**CONNELLVILLE****JOSEPH A. HARDY CONNELLVILLE** (VVS) 4 SW UTC-5(-4DT) N39°57.55' W79°39.43'

CINCINNATI

1267 B S2 FUEL 100LL, JET A TPA-2067(800) NOTAM FILE AOO

L-29C

RWY 05-23: H3458X100 (ASPH) S-12.5 MIRL 1.2% up NE

IAP

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 40'. RWY 23: PAPI(P2R)—GA 3.0° TCH 20'. Brush.

RWY 14-32: H2404X100 (ASPH) S-12.5 MIRL 0.4% up SE

RWY 14: PAPI(P2L)—GA 3.0° TCH 40'. Brush. RWY 32: Trees.

AIRPORT REMARKS: Attended 1300-0000Z†. Parachute Jumping. Rwy 05 has a 110 ft relocated thld, Rwy 23 has a 265 ft relocated thld for taxi only. Rwy 14 has a 315' relocated thld, Rwy 32 has a 260' relocated thld for taxi only. REIL Rwy 05 OTS indef. ACTIVATE MIRL Rwys 05-23 and 14-32—CTAF. Ldg fee for all acft over 6,000 pounds gross weight waived for fuel purchase.

WEATHER DATA SOURCES: AWOS-3 133.32 724-626-8745**COMMUNICATIONS:** CTAF/UNICOM 122.8

CLEVELAND CENTER APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45' W79°21.50' 272° 13.8 NM to fld. 2820/06W.

CAMOR NDB (MHW/LOM) 299 VV N39°52.97' W79°44.68' 049° 6.1 NM to fld. Unusable beyond 10 NM.

ILS 110.7 I-VVS Rwy 05. LOM CAMOR NDB. LOC only. LOC unmonitored indef.

CORRY-LAWRENCE (8G2) 1 S UTC-5(-4DT) N41°54.45' W79°38.46'

DETROIT

1766 B FUEL 100LL, JET A NOTAM FILE AOO

L-30H

RWY 14-32: H4100X75 (ASPH) S-12.5 MIRL

IAP

RWY 14: REIL. Bldg. RWY 32: REIL.

AIRPORT REMARKS: Attended irregularly. Birds on and invof arpt. Rwy 14-32 cracks developing causing some uneven pavement.

ACTIVATE MIRL Rwy 14-32 and REIL Rwys 14 and 32—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

TIDIOUTE RCO 122.1R 117.6T (ALTOONA RADIO)

ERIE APP CON 121.0 126.05 (1100-0500Z†)

ERIE DEP CON 121.0 (1100-0500Z†)

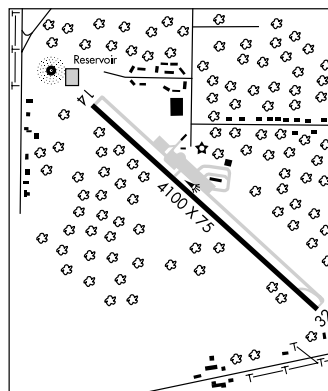
CLEVELAND CENTER APP/DEP CON 132.4 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

TIDIOUTE (L) VORTAC 117.6 TDT Chan 123 N41°42.78'

W79°25.04' 328° 15.4 NM to fld. 1710/09W.

NDB (MHW) 258 ORJ N41°54.76' W79°38.91' at fld.

**COVE VALLEY** (See WILLIAMSBURG)**CRESCO****ROCKY HILL ULTRALIGHT** (48P) 1 SE UTC-5(-4DT) N41°08.87' W75°16.50'

NEW YORK

1240 NOTAM FILE IPT

RWY 09-27: 1000X100 (TURF)

AIRPORT REMARKS: Unattended.**COMMUNICATIONS:** CTAF 122.9**CRYSTAL LAKE** N41°12.62' W75°49.91' NOTAM FILE AVP.

NEW YORK

NDB (MHW) 410 CYE 044° 9.1 NM to Wilkes-Barre/Scranton Intl. NDB unusable beyond 15 NM.

L-30K

DANVILLE (8N8) 3 SW UTC-5(-4DT) N40°57.09' W76°38.56'

NEW YORK

559 B S4 FUEL 100LL NOTAM FILE IPT

L-30J

RWY 09-27: H3000X60 (ASPH) S-125 MIRL

RWY 09: Trees. RWY 27: Trees.

AIRPORT REMARKS: Unattended. Call ahead Dennis Stahl 570-336-7639, 570-784-6289. ACTIVATE MIRL Rwy 09-27 and rotating bcn—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WILKES-BARRE APP/DEP CON 126.3

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MILTON (L) VORTACW 109.2 MIP Chan 29 N41°01.40' W76°39.92' 176° 4.4 NM to fld. 1000/09W.

DECK (See MYERSTOWN)

DONEGAL SPRINGS AIRPARK (See MOUNT JOY/MARIETTA)

DOYLESTOWN (DYL) 2 N UTC-5(-4DT) N40°19.98' W75°07.34'

NEW YORK

394 B S4 FUEL 100LL, JET A OX 4 TPA-1394(1000) NOTAM FILE DYL

L-34G, A

RWY 05-23: H3004X60 (ASPH) S-12 MIRL

IAP

RWY 05: SAVASI(S2L)—GA 5.0°. Tree.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Tree.

AIRPORT REMARKS: Attended 1200Z±-dusk. No svcs avbl Christmas and New Years. Touch and go lds prohibited. Midfield twy clsd indef. Noise abatement procedures in effect; ctc arpt manager 215-340-0707. ACTIVATE REIL Rwy 23—CTAF.

WEATHER DATA SOURCES: ASOS 118.875 (215) 345-0392.

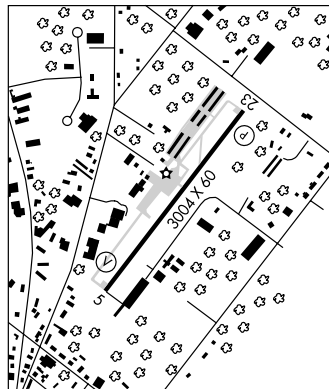
COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ PHILADELPHIA APP/DEP CON 123.8

CLNC DEL 118.55 TF 800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 306° 11 NM to fld. 300/10W.



DUBOIS RGNL (DUJ) 7 NW UTC-5(-4DT) N41°10.70' W78°53.92'

DETROIT

1817 B FUEL 100LL, JET A TPA-2800(983) Class II, ARFF Index A

H-10H, 121, L-30J

NOTAM FILE DUJ

IAP

RWY 07-25: H5503X100 (ASPH-GRVD) S-45, D-60, DT-93 HIRL

RWY 07: REIL. VASI(V4L)—GA 3.0° TCH 30'.

RWY 25: MALSR. PAPI(P4L)—GA 3.0° TCH 57'.

AIRPORT REMARKS: Attended Sun-Fri 1100-0300Z±, Sat 1100-0100Z±. Flocks of birds on and invof arpt. PPR 24 hours for air carrier operations with more than 30 passenger seats call arpt manager 814-328-5311. ACTIVATE HIRL Rwy 07-25; REIL and VASI Rwy 07; MALSR Rwy 25; twy lgtS—CTAF.

WEATHER DATA SOURCES: ASOS 119.025 (814) 328-5140.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.2 (ALTOONA RADIO)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.72

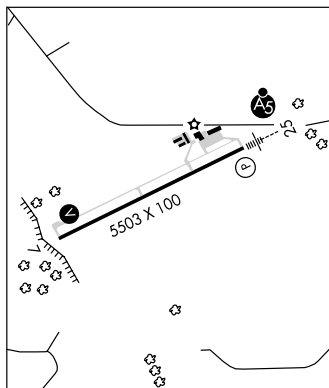
AIRSPACE: CLASS E svc Mon-Fri 1025-0330Z±, Sat 1300-2300Z±, Sun 1300-0330Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78'

W79°27.48' 091° 25.4 NM to fld. 1520/06W.

ILS 109.9 I-DUJ Rwy 25. ILS unmonitored.



EASTON**BRADEN AIRPARK** (N43) 3 N UTC-5(-4DT) N40°44.53' W75°14.58'

399 B S4 FUEL 100LL NOTAM FILE IPT

RWY 18-36: H1956X165 (ASPH-TURF) LIRL (NSTD) 0.5% up N**RWY 18:** Thld dspcd 192'. Bldg.**RWY 36:** Fence.**AIRPORT REMARKS:** Attended dalgt hours. Aprt unattended Christmas.

Rwy 18-36 1956' by 50' asph aligned in center of 165' turf strip.

Aircraft may not be visible on all parts of field. Rwy 18-36 NSTD LIRL, no rwy end or thld lights.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000' from South) 119.65
 (Above 3000' from North) 118.2 (3000' and blo)

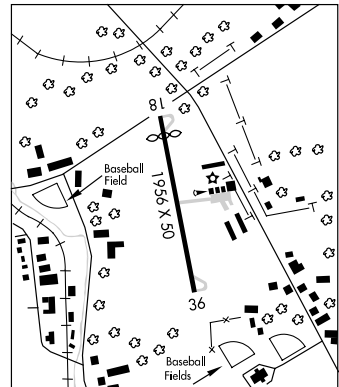
RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.

ALLENTOWN (L) VORTAC 117.5 FJC Chan 122 N40°43.60'
 W75°27.29' 094° 9.7 NM to fld. 680/10W.

NEW YORK

L-33A, 34H

IAP

**EAST STROUDSBURG****STROUDSBURG-POCONO** (N53) 3 N UTC-5(-4DT) N41°02.15' W75°09.64'

480 B S4 FUEL 100LL, JET A TPA-1280(800) NOTAM FILE IPT

RWY 08-26: H3087X30 (ASPH) LIRL (NSTD) 0.3% up E**RWY 08:** Thld dspcd 100'. Trees.**RWY 26:** Thld dspcd 770'. Trees.**AIRPORT REMARKS:** Attended on call. For svc call 239-289-6703.

100LL self-serve with credit card. Parachute Jumping. Deer on and invof arpt. Ultralghts on and invof arpt. Rwy 08-26 NSTD LIRL due to placement and color. Rwy 26 end lgts offset from rwy centerline. Rwy 08 thld markings obscured with rubber. Alligator cracking in pavement, spalling, heaving. ACTIVATE NSTD LIRL Rwy 08-26 and rotating beacon—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0**STILLWATER RCO** 122.1R 109.6T (MILLVILLE RADIO)

Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (Above 3000') 118.2 (3000' and blo)

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75'
 W74°52.14' 291° 13.5 NM to fld. 920/11W.

NEW YORK

L-33A, 34H

IAP

**EAST TEXAS** N40°34.86' W75°41.04' NOTAM FILE IPT.

(L) VOR/DME 110.2 ETX Chan 39 234° 6.6 NM to Kutztown. 742/09W.

NEW YORK

H-101, L-30K, 34G

EBENSBURG (9G8) 3 SW UTC-5(-4DT) N40°27.67' W78°46.52'

DETROIT

2099 B FUEL 100LL NOTAM FILE AOO

L-29D

RWY 07-25: H3204X50 (ASPH) S-12.5 MIRL 0.6% up NE

IAP

RWY 07: Brush. RWY 25: Trees.

RWY 11-29 ULTRALIGHT: 1636X150 (TURF-DIRT)

RWY 11 ULTRALIGHT: Trees. RWY 29 ULTRALIGHT: Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300-1600Z. Sat and Sun irregularly. Attended after hrs on req. Deer on and in/ovf arpt. Rwy 11U-29U ruts and long grass. Rwy 11U-29U for ultralights only. Rwy 11U-29U rwy boundary marked with yellow barrels. ACTIVATE MIRL Rwy 07-25 and twy lgts-CTAF.

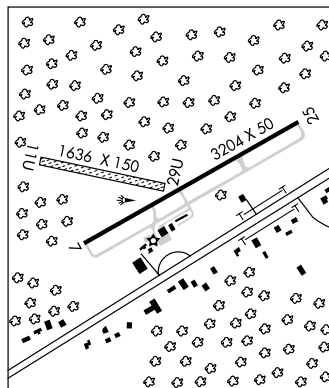
COMMUNICATIONS: CTAF/UNICOM 122.8

REVLOC RCO 122.1R 110.6T (ALTOONA RADIO)

CLEVELAND CENTER APP/DEP CON 121.2

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

REVLOC (L) VOR/DME 110.6 REC Chan 43 N40°32.79' W78°44.82' 203° 5.3 NM to fld. 2340/09W.

**EIGHTY FOUR****BANDEL** (22D) 3 SE UTC-5(-4DT) N40°07.84' W80°05.77'

DETROIT

1210 NOTAM FILE AOO

RWY 01-19: 2260X100 (TURF-DIRT)

RWY 01: Hill. RWY 19: Trees.

AIRPORT REMARKS: Attended irregularly. PAEW adjacent Rwy 01-19 indef. Extensive glider operations weekends.

Center 20 ft of rwy is gravel, turf on both sides of center gravel strip. Rwy 01-19 marked with flush white bucket lids boundary markers. Rwy ends marked with red cones. Rwy 01 and Rwy 19 many rwy markings covered by grass.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Local aircraft and gliders monitor frequency 123.3.**ELLWOOD CITY** N40°49.50' W80°12.69' NOTAM FILE AOO.

DETROIT

(H) VORTAC 115.8 EWC Chan 105 257° 8.8 NM to Beaver Co. 1227/08W.

H-10H, L-29C

VOR unusable; 310°-355° all distances and altitudes.

RCO 122.1R 115.8T (ALTOONA RADIO)

ENOLA N40°14.78' W76°54.03' NOTAM FILE MDT.

NDB (LOM) 204 MD 128° 7.1 NM to Harrisburg Intl.

ERIE CO (See WATTSBURG)

ERIE INTL/TOM RIDGE FLD (ERI) 5 SW UTC-5(-4DT) N42°04.92' W80°10.57'**DETROIT**

733 B S2 FUEL 100, JET A OX 3, 4 LRA Class I, ARFF Index B NOTAM FILE ERI

H-10H, L-30H

RWY 06-24: H6500X150 (ASPH-GRVD) S-65, D-98, ST-124, DT-180 HIRL

IAP, AD

RWY 06: MALSR. Railroad.

RWY 24: MALSR. Thld dsplcd 490'. Road.

RWY 02-20: H3507X150 (ASPH) S-50, D-60, DT-150 MIRL

RWY 02: Thld dsplcd 816'. Tree.

RWY 20: VASI(V4L)—GA 4.0° TCH 72'. Thld dsplcd 306'. Road.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 24	02-20	4100

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6500 TODA-6500 ASDA-6500 LDA-6500

RWY 24: TORA-6500 TODA-6500 ASDA-6500 LDA-6010

RWY 02: TORA-3507 TODA-3507 ASDA-3507 LDA-2691

RWY 20: TORA-3507 TODA-3507 ASDA-3507 LDA-3201

AIRPORT REMARKS: Attended continuously. Rwy 20 CLOSED for night landings. Rwy 02-20 not avbl for air carrier ops. When twr closes, Rwy 02-20 CLOSED exc for taxiing ops. Extensive non-radio and Utralgt acft opr 3.5-5 NM southwest of arpt at or blo 700 ft AGL May 1-Oct 31 annually SR-SS. Birds on and invof arpt. Rwy 06 MALSR unmonitored. Rwy 24 MALSR unmonitored. When twr clsd ACTIVATE HIRL Rwy 06-24; MALSR Rwy 06 and 24 and twy lgts—CTAF. MIRL Rwy 02-20, Twys B and C unavbl. Lgt supplemental windcone located at N side Rwy 24 1000 ft W AER. Landing fee for multi engine acft. Flight Notification Service (ADCUS) available; prior reservation required; phone 814-833-1355.

WEATHER DATA SOURCES: ASOS (814) 835-7112.**COMMUNICATIONS:** CTAF 118.1 ATIS 120.35 UNICOM 122.95

RCO 122.1R 109.4 (ALTOONA RADIO)

① APP/DEP CON 121.0 (1100-0500Z‡)

CLEVELAND CENTER APP/DEP CON 132.4 (0500-1100Z‡)

TOWER 118.1 (1100-0500Z‡) GND CON 121.9 CLNC DEL 126.8

AIRSPACE: CLASS D svc 1100-0500Z‡ air times CLASS E. TRSA svc ctc APP CON within 20 NM.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ERI.

(L) VORTAC 109.4 ERI Chan 31 N42°01.04' W80°17.56' 059° 6.5 NM to fld. 800/06W.

VOR portion unusable:

048°-066° byd 25 NM blo 8000'

191°-249° byd 30 NM blo 6000'

076°-154° byd 30 NM blo 5000'

155°-190° byd 30 NM

DME unusable:

076°-109° byd 30 NM blo 5000'

250°-274° byd 20 NM

110°-180° byd 25 NM blo 5000'

295°-315° byd 35 NM blo 3000'

181°-249° byd 30 NM blo 5000'

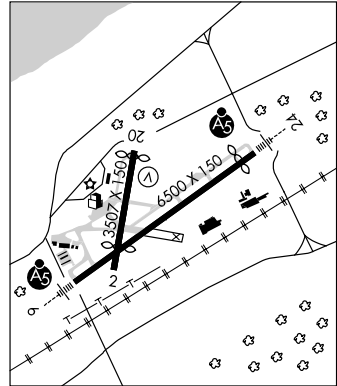
CASCADE NDB (MHW) 372 CQD N42°07.15' W80°06.28' 243° 3.9 NM to fld. NDB unmonitored when twr clsd.

ESMER NDB (LOM) 349 ER N42°02.32' W80°15.32' 062° 4.4 NM to fld. NDB unmonitored when twr clsd.

ILS 110.3 I-AWY Rwy 24. Class IE. ILS unmonitored when twr clsd.

ILS 110.3 I-ERI Rwy 06. Class IE. LOM ESMER NDB. GS unusable for coupled apch blo 1580' MSL.

Backcourse unusable. ILS unmonitored when twr clsd.

**ERWINNA****VANSANT** (9N1) 2 SW UTC-5(-4DT) N40°29.06' W75°05.98'**NEW YORK**

390 S4 FUEL 100LL TPA—See Remarks NOTAM FILE IPT

RWY 07-25: 3058X120 (TURF)

RWY 07: Thld dsplcd 365'. Road.

RWY 25: Trees.

RWY 05G-23G: 1340X200 (TURF)

RWY 23G: Trees.

AIRPORT REMARKS: Attended 1330Z‡-dark. Rwy 05 ldg and tkf prohibited. Arpt CLOSED to transient traffic Dec thru Apr. Heavy glider traffic. Glider TPA-1190(800); Power Plane TPA-1390(1000). Power plane tfc remain outside glider tfc pattern and avoid flying directly over arpt. Gliders occasionally use power plane runway for landings to the W. Rwy 23 gliders only. Rwy 07-25 marked with white tires; dsplcd thld marked with white tires.

COMMUNICATIONS: CTAF/UNICOM 122.8**ESMER** N42°02.32' W80°15.32' NOTAM FILE ERI.

NDB (LOM) 349 ER 062° 4.4 NM to Erie Intl/Tom Ridge Fld. NDB unmonitored when Erie twr clsd.

ESSINGTON**PHILADELPHIA SPB** (9N2) 1 S UTC-5(-4DT) N39°51.54' W75°17.98'

WASHINGTON

00 TPA-300(300) NOTAM FILE IPT

WATERWAY 11-29: 9100X250 (WATER)**WATERWAY 11:** Rgt tfc.**SEAPLANE REMARKS:** Attended daylight hours. Call 610-521-7710 prior to arrival. No night operations. Check PHILADELPHIA TAC Chart for landing area. Transient traffic ctc Philadelphia App Con for tfc advisories.**COMMUNICATIONS:** CTAF 122.9**EWY 4 HELIPORT** (See HONEY GROVE)**FACTORYVILLE****SEAMANS FLD** (9N3) 2 N UTC-5(-4DT) N41°35.36' W75°45.36'

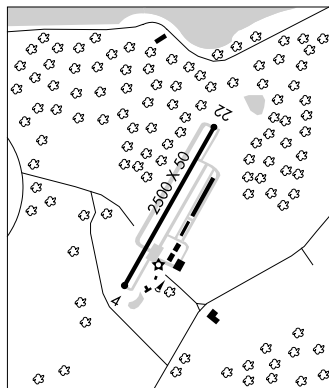
NEW YORK

1209 B S4 **FUEL** 100LL TPA-2009(800) NOTAM FILE IPT

L-30K, 33A

RWY 04-22: H2500X50 (ASPH) LIRL

IAP

RWY 22: Trees.**AIRPORT REMARKS:** Attended 1300Z±-dusk. For svc after hrs call 570-945-7943 or 570-419-6879. Mechanic on fld weekdays, on call weekends 570-945-3769.**COMMUNICATIONS:** CTAF/UNICOM 122.7⑧ **WILKES-BARRE APP/DEP CON** 124.5**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**LAKE HENRY (L) VORTACW** 110.8 LHY Chan 45 N41°28.55' W75°28.96' 309° 14.1 NM to fld. 2320/10W. **HIWAS.****FAIRFIELD****MID ATLANTIC SOARING CENTER** (W73) 2 SE UTC-5(-4DT) N39°45.42' W77°21.08'

WASHINGTON

573 TPA-1373(800) NOTAM FILE IPT

RWY 15-33: H2700X50 (ASPH) S-12.5, D-12.5**RWY 15:** Brush.**RWY 33:** Thld dspcd 900'. Tree. Rgt tfc.**AIRPORT REMARKS:** Attended Sat-Sun dalgt hours. Arpt CLOSED except PPR 717-432-0856/703-335-6778 when P-40 expanded to 10 NM radius. Rwy 15 CLOSED for ldgs. Extensive glider opns. Rwy 15 not marked. Southern portion of Rwy 33 cracking, rutting.**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** MULTICOM 123.3 weekends and holidays.**FARMERS PRIDE** (See FREDERICKSBURG)**FINLEYVILLE AIRPARK** (G05) 1 SW UTC-5(-4DT) N40°14.75' W80°00.74'

DETROIT

1240 B **FUEL** 100LL TPA-See Remarks NOTAM FILE A00**RWY 14-32:** H2505X50 (ASPH) LIRL**RWY 32:** Trees.**AIRPORT REMARKS:** Attended 1400-2200Z±. Deer on and in vicinity of rwy. Terrain falls off rapidly off apch end Rwy 14; terrain rises off apch end Rwy 32. Rwy 32 thld lgts are dspcd approximately 875'. Rwy 32 runway markings are not dspcd. Transient pilots advised to check rwy condition prior to use during winter months. Ultralights avoid overflying houses NE of arpt. Helicopters follow fixed wing tfc pattern. Rwy 14-32 ultralights fly rgt tfc. TPA ultralights 1740(500). Arpt bcn ops dusk-0500Z±. After 0500Z± ACTIVATE LIRL and rotating bcn-CTAF.**COMMUNICATIONS:** CTAF/UNICOM 123.0**FLYING DOLLAR** (See CANADENSIS)**FLYING M RANCH** (See GERMANSVILLE)**FORT INDIANTOWN GAP** (See MUIR AAF)

DETROIT
H-10H, L-30H

DETROIT
H-10H, L-30H
IAP

COMMUNICATIONS: CTAF/UNICOM 123.0

GERMANSVILLE**FLYING M AERODROME** (P91) 2 N UTC-5(-4DT) N40°44.24' W75°42.31'

NEW YORK

735 S2 NOTAM FILE IPT

Rwy 08-26: 2370X100 (TURF)**Rwy 08:** Pline. **Rwy 26:** Thld dsplcd 300'. Trees.**AIRPORT REMARKS:** Attended dawn-dusk. Parachute Jumping. Rwy 08-26 marked with white plastic barrels. Rwy 26 dsplcd thld marked with cones and 3 lgts each side.**COMMUNICATIONS:** CTAF/UNICOM 122.725**GETTYSBURG****GETTYSBURG RGNL** (W05) 2 W UTC-5(-4DT) N39°50.48' W77°16.48'

WASHINGTON

590 FUEL 100LL NOTAM FILE IPT

L-29E, 34F, A

Rwy 06-24: H3100X60 (ASPH) MIRL**Rwy 06:** Thld dsplcd 167'. Road. **Rwy 24:** Thld dsplcd 542'. Trees.**AIRPORT REMARKS:** Unattended. No fuel avbl for tran acft. ACTIVATE MIRL Rwy 06-24—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**WESTMINSTER (H) VORTAC** 117.9 EMI Chan 126 N39°29.70' W76°58.72' 335° 24.9 NM to fld. 820/08W.

HIWAS.

SOUTHERN ADAMS CO HELIPORT

(P98) 6 S UTC-5(-4DT) N39°45.67' W77°16.52'

WASHINGTON

530 S4 NOTAM FILE IPT

HELIPAD H1: H60X60 (CONC)**HELIPORT REMARKS:** Attended Mon-Fri 1300-2200Z†. For attendance Sat; Sun; and holidays call arpt manager 717-334-0280 or 717-337-1515 between 1300-2200Z†. Noise abatement procedures in effect, maintain 500 ft until inbound on apch heading—avoid overflight of houses N and S of heliport. Helipad H1 SE apch/dep primary; app/dep 145° ingress/325° egress; 340° ingress/160° egress. Helipad H1 24 ft marked P-line 201 ft NW; 19 ft hangar 125 ft N; 34 ft trees 788 ft SE.**COMMUNICATIONS:** CTAF 122.9**GREATER PITTSBURGH INTL** (See PITTSBURGH)**GREENE CO** (See WAYNESBURG)**GREENSBURG JEANNETTE RGNL** (See JEANNETTE)**GREENVILLE MUNI** (4G1) 3 N UTC-5(-4DT) N41°26.81' W80°23.48'

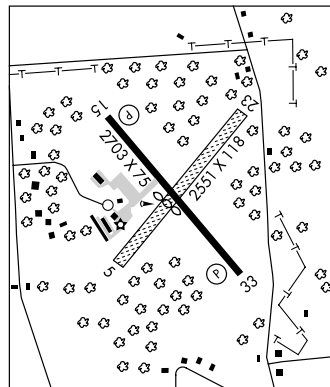
DETROIT

1202 B S2 FUEL 100LL NOTAM FILE AOO

L-30H

Rwy 15-33: H2703X75 (ASPH) S-12.5 MIRL

IAP

Rwy 15: REIL. PAPI (P2L)—GA 3.0° TCH 35'. Trees.**Rwy 33:** REIL. PAPI(P2L)—GA 3.4° TCH 31'. Trees.**Rwy 05-23:** 2551X118 (TURF)**Rwy 05:** Thld dsplcd 984'. Tree. **Rwy 23:** Trees.**AIRPORT REMARKS:** Attended 1400Z†-dusk. Unattended Thanksgiving; Christmas and New Years day. Deer and birds on and invof arpt. PAEW on and invof arpt. Rwy 05-23 soft and wet during spring thaw. Rwy 05-23 marked with orange cones. Rwy 05 has 984' dsplcd thld marked with orange cones. PAPI Rwy 33 OTS indef. Rwy 15 REIL lgt on right side inoperative. Rwy 33 REIL lgt on left side inoperative. ACTIVATE MIRL Rwy 15-33—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z†)Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500-1100Z†)**RADIO AIDS TO NAVIGATION:** NOTAM FILE YNG.**YOUNGSTOWN (L) VORTAC** 109.0 YNG Chan 27 N41°19.86' W80°40.48' 066° 14.6 NM to fld. 1140/5W. HIWAS.**GRIMES** (See BETHEL)

GROVE CITY (29D) 3 W UTC-5(-4DT) N41°08.76' W80°10.07'

1371 B FUEL 100LL, JET A NOTAM FILE AOO

RWY 10-28: H4500X75 (ASPH) S-12.5 MRL 1.2% up W

RWY 10: REIL. PAPI(P2L). Thld dsplcd 590'. Tree.

RWY 28: REIL. PAPI(P2L). Trees.

AIRPORT REMARKS: Attended Mon-Sat 1400Z†-dusk. Sun 1700-2200†. CLOSED Thanksgiving, Christmas and New Years Day. Parachute Jumping. Avoid overflying fld during daylight VFR because of parachute jumping activity NW corner of fld. Deer and geese on and in/ov arpt. Drainage ravine 15 ft deep located in safety area north of Rwy 10. Rwy 10 PAPI OTS indef. ACTIVATE MRL Rwy 10-28-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

Ⓡ YOUNGSTOWN APP/DEP CON 133.95 (1100-0500Z†)

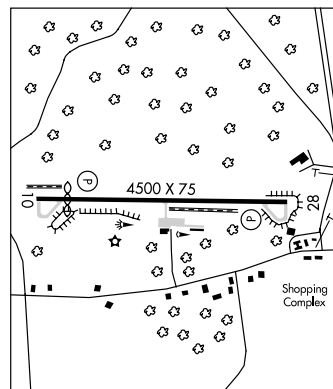
Ⓡ CLEVELAND CENTER APP/DEP CON 120.775 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105

N40°49.50' W80°12.69' 014° 19.4 NM to fld.

1227/08W.



DETROIT

L-30H

IAP

HANOVER (6W6) 1 W UTC-5(-4DT) N39°47.56' W77°01.48'

WASHINGTON

560 NOTAM FILE IPT

RWY 09-27: 2550X100 (TURF)

RWY 09: Tree.

RWY 27: Road.

AIRPORT REMARKS: Attended irregularly. Rwy 09-27 CLOSED for touch and go ldgs. Major airframe repairs avbl. Rwy 09-27 marked with yellow barrels.

COMMUNICATIONS: CTAF 122.9

HARRISBURG

(L) VORTAC 112.5 HAR Chan 72 N40°18.13' W77°04.17' 225° 8.4 NM to Carlisle.

1301/10W. NOTAM FILE CXY

VOR unusable:

146°-168° byd 20 NM blo 7000'

RCO 122.4 122.2 (WILLIAMSPORT RADIO)

RCO 122.1R 112.5T (WILLIAMSPORT RADIO)

DETROIT

H-10H, L-29E, A

HARRISBURG**CAPITAL CITY** (CXY) 3 SE UTC-5(-4DT) N40°13.03' W76°51.09'

347 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA-1500(1153)

NOTAM FILE CXY

RWY 08-26: H5001X150 (ASPH-GRVD) S-65, D-105, ST-133,

DT-185 HIRL

RWY 08: MALSR. Tree.**RWY 26:** VASI(V4L)—GA 3.1° TCH 56'. Pole. Rgt tfc.**RWY 12-30:** H3925X100 (ASPH) S-40, D-65, ST-82, DT-115

MIRL 0.3% up SE

RWY 12: REIL. VASI(V4L)—GA 3.9° TCH 62'. Thld displcd 147'. Pole.

Rgt tfc.

RWY 30: REIL. VASI(V4L)—GA 4.0° TCH 62'. Tree.**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 26	12-30	3450

AIRPORT REMARKS: Attended 1100-0400Z†. PPR for hazardous cargo.

Bird flocks on and invof arpt. All rwyS—for loads over 100,000 lbs.

prior req. Arpt CLOSED to FAR PART 121 acft. When twr clsd HIRL

Rwy 08-26 opr low ints. To ACTIVATE higher ints—CTAF. ACTIVATE

MIRL Rwy 12-30, MALSR Rwy 08, and twy lgts—CTAF.

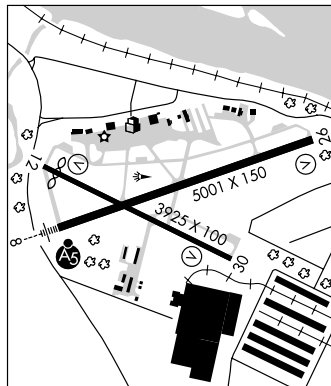
WEATHER DATA SOURCES: ASOS (717) 770-0880. LAWRS.**COMMUNICATIONS:** CTAF 119.5 ATIS 134.95 UNICOM 122.95**HARRISBURG RCO** 122.4 122.2 (WILLIAMSPORT RADIO)

Ⓡ **HARRISBURG APP/DEP CON** 126.45 (080°-179°) 124.1 (180°-309°) 118.25 (310°-079°)

TOWER 119.5 (1200-0200Z†) **GND** 121.9**AIRSPACE:** CLASS D svc 1200-0200Z† other times CLASS E.**TRSA** svc ctc **APP CON** 20 NM out.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CXY.**LANCASTER (L) VORTAC** 117.3 LRP Chan 120 N40°07.20' W76°17.48' 292° 26.4 NM to fld. 399/09W.**LATLE NDB (LOM)** 219 CX N40°10.69' W77°00.34' 083° 7.5 NM to fld. Unmonitored when twr clsd.**ILS 109.1** I-CXY Rwy 08. LOM LATLE NDB. Coupled apch not authorized blo 940'. BC unusable.

Unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: When twr clsd pickup clearance thru Harrisburg App Con on frequency 124.1 or via phone 1-800-932-0712.



NEW YORK

H-10H, 121, L-29E, 34G, A

IAP, AD

HARRISBURG INTL (MDT) 8 SE UTC-5(-4DT) N40°11.61' W76°45.81'

NEW YORK

310 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks LRA

H-10H, 12I, L-29E, 34G, A

Class I, ARFF Index C NOTAM FILE MDT

IAP, AD

RWY 13-31: H10001X200 (ASPH-GRVD) S-155, D-330, ST-175, DT-550 HIRL CL

RWY 13: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75'. Thld dsplcd 993'. Tree.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51'. Thld dsplcd 994'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-10001 TODA-10001 ASDA-9063 LDA-8070

RWY 31: TORA-10001 TODA-10001 ASDA-9122 LDA-8132

AIRPORT REMARKS: Attended continuously. Bird flocks on and invof arpt.

CAUTION: Rwy 31 hold line 300' E of Twy F. E apron clsd to transient acft without prior permission; call arpt manager 717-948-3921. Lgtd barricades on cargo ramp. No touch and go lds 0000-1100Z+. TPA 1300(990) props; 1800(1490) jets. Rwy 13 touchdown, midfield and rollout rwy visual range avbl. Rwy 31 touchdown, midfield and rollout rwy visual range avbl. Rwy distance remaining signs unavailable indef. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (717) 944-1372.

COMMUNICATIONS: ATIS 118.8

① **HARRISBURG APP/DEP CON** 126.45 (080°-179°) 124.1 (180°-309°) 118.25 (310°-079°)

HARRISBURG INTL TOWER 124.8 **GND CON** 121.7

AIRSPACE: CLASS D svc continuously.

TRSA svc ctc **APP CON** 20 NM out.

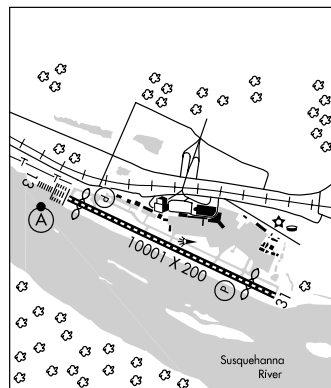
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (L) VORTAC 117.3 LRP Chan 120 N40°07.20' W76°17.48' 291° 22.2 NM to fld. 399/09W.

ENOLA NDB (LOM) 204 MD N40°14.78' W76°54.03' 128° 7.1 NM to fld.

ILS 110.9 I-MDT Rwy 13. Class III. LOM ENOLA NDB. LOC unusable above 1,800 at thld; above 4,800 byd Outer Marker (6.4 NM).

ILS 110.9 I-HQA Rwy 31. Class IB.



HAZLETON MUNI (HZZL) 2 NW UTC-5(-4DT) N40°59.21' W75°59.69'

NEW YORK

1603 B S4 FUEL 100LL, JET A NOTAM FILE IPT

L-30K, 34G

RWY 10-28: H4898X100 (ASPH) S-47, D-74, ST-94 MIRL

IAP

RWY 10: REIL. VASI(V4L)—GA 3.3° TCH 56'. Trees.

RWY 28: MALS. VASI(V2R)—GA 3.25° TCH 47'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1300-2100Z+. Fuel svc after hrs by request 570-455-7641. Parachute Jumping. Rwy 10 REIL OTS indef. ACTIVATE MIRL and VASI Rwy 10-28 REIL Rwy 10 and MALS Rwy 28—123.0. Rwy 28 VFR departure procedure right turn heading 300° at end of rwy. Computerized weather information avbl; modem access 570-655-3911. Ldg fee.

WEATHER DATA SOURCES: AWOS-3 119.975 (570) 459-4901.

COMMUNICATIONS: CTAF/UNICOM 123.0

① **WILKES-BARRE APP/DEP CON** 126.3 **CLNC DEL** 121.7

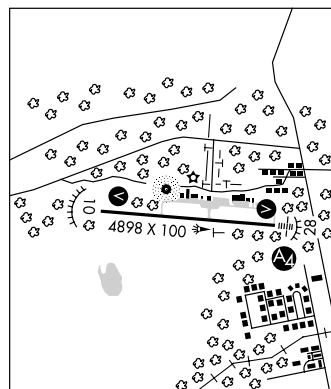
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

WILKES-BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 229° 22.0 NM to fld. 2120/10W.

(T) **VORW** 109.4 HZZL N40°58.51' W76°07.55' 092° 6.0 NM to fld NOTAM FILE IPT.

HUMBOLT NDB (MHW) 366 HXM N40°59.31' W75°59.82' on fld. NOTAM FILE IPT. (VFR only). SHUTDOWN.

ILS 110.5 I-HZZL Rwy 28. LOC. LOC unusable abv 5000'.



HONESDALE**CHERRY RIDGE** (N30) 3 S UTC-5(-4DT) N41°30.92' W75°15.09'**NEW YORK**

1357 B S4 FUEL 100LL NOTAM FILE IPT

L-30K, 33A

RWY 18-36: H2420X50 (ASPH) S-10 LIRL(NSTD) 0.5% up N

IAP

RWY 18: Trees. RWY 36: Thld displcd 417'. Trees.

AIRPORT REMARKS: Attended Apr-Oct 1200-0200Z†, Nov-Mar 1300-2200Z†. For fuel after hours call arpt manager 570-253-2276. Rotating bcn OTS indef. ACTIVATE bcn and NSTD LIRL Rwy 18-36-122.75. Rwy 18-36 NSTD LIRL 55' from rwy edge.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WILKES-BARRE APP/DEP CON 124.5

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

WILKES-BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 064° 24.6 NM to fld. 2120/10W

HONEY GROVE**STOTTE MEM HELIPORT** (02P) 0 SE UTC-5(-4DT) N40°24.22' W77°33.40'**DETROIT**

591 B NOTAM FILE IPT.

Not insp

L-29D, A

HELIPAD H1: 100X100 (TURF)

IAP

HELIPORT REMARKS: Unattended. H1-100' P-line (marked) 2130' west, 40' trees 110' north and south, 5' fence 54' from H1. Helipad H1 ingress 050° egress 230°. Helipad H1 5 lgts each side with red patio block markers between each lgt and at corners. Heliport surface has 5.7% slope. ACTIVATE perimeter lgts Helipad H1-122.8. ACTIVATE rotating bcn-122.8

COMMUNICATIONS: CTAF/UNICOM 123.05

HARRISBURG APP/DEP CON 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.

HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13' W77°04.17' 295° 23.2 NM to fld. 1301/10W.

HORSHAM VALLEY AIRWAYS INC HELIPORT (N48) 2 NW UTC-5(-4DT) N40°12.12' W75°10.69' **NEW YORK**

250 S4 FUEL JET A NOTAM FILE IPT

HELIPAD H1: H65X65 (ASPH)

HELIPAD H1: Tree.

HELIPORT REMARKS: Attended Mon-Fri 1230-2300Z†. For attendant on weekends call 215-674-2100. Avoid overflight of houses east and west. Rwy H1 has ingress 240° and 040°, egress 060° and 220°. Helipad H1 lgtd by flood lgts from building.

COMMUNICATIONS: CTAF/UNICOM 123.075**HUMBOLT** N40°59.31' W75°59.82' NOTAM FILE IPT.**NEW YORK**

NDB (MHW) 366 HXM on Hazelton Muni. VFR only. SHUTDOWN.

INDIAN HEAD N39°58.45' W79°21.50' NOTAM FILE A00.**CINCINNATI**

(L) VORTAC 108.2 IHD Chan 19 272° 13.8 NM to Connellsville. 2820/06W.

H-10H, L-29C

RCO 122.1R 108.2T (ALTOONA RADIO)

INDIANA CO (JIMMY STEWART FLD) (IDI) 2 E UTC-5(-4DT) N40°37.93' W79°06.33'**DETROIT**

1405 B S2 FUEL 100LL, JET A NOTAM FILE IDI

L-29C

RWY 10-28: H4000X75 (ASPH) S-18 MIRL 1.1% up E

IAP

RWY 10: REIL. VASI(V2L)-GA 3.0° TCH 42'. Trees.

RWY 28: REIL. VASI(V2L)-GA 3.0° TCH 29'. Trees.

AIRPORT REMARKS: Attended 1230Z†-dusk. Arpt attendance after hours by prior arrangement call 724-463-3883. CLOSED major holidays. Birds and deer on and in/ovf arpt. Rwy 10 REIL OTS indef. Rwy 28 REIL OTS indef.

WEATHER DATA SOURCES: AWOS-3 126.625 (724) 463-8551.**COMMUNICATIONS:** CTAF/UNICOM 122.8

CLEVELAND CENTER APP/DEP CON 121.2

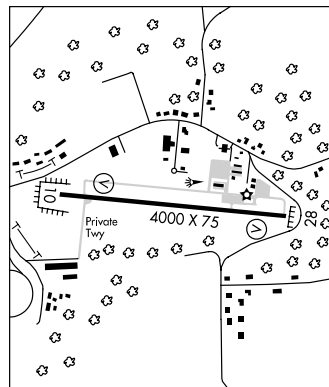
RADIO AIDS TO NAVIGATION: NOTAM FILE A00.

REVLOC (L) VOR/DME 110.6 REC Chan 43 N40°32.79'

W78°44.82' 297°17.1 NM to fld. 2340/09W.

NDB (MHW) 242 INP N40°37.92' W79°03.96' 281° 1.7 NM to fld. SHUTDOWN.

ILS/DME 109.5 I-IDI Chan 32 Rwy 28 (LOC only). DME portion unusable byd 15 NM bly 3700'.



INTER CO (See IRWIN)**IRWIN****INTER CO** (31D) 4 W UTC-5(-4DT) N40°20.00' W79°46.75'

DETROIT

1250 TPA-2050(800) NOTAM FILE AOO

RWY E-W: 1960X120 (TURF-DIRT)**RWY E:** Trees.**RWY W:** Tree.

AIRPORT REMARKS: Attended dalgt hours. Marked water tank approximately one-half mile E of arpt, unmarked cell tower near water tank and marked transmission line approximately 1575 ft E of arpt. Ultralight activity on and invof arpt. Deer on and invof arpt. Fence approximately 4' high along south side of Rwy W and extends approximately 500' into the approach surface. Turf rwy may be soft during spring thaw and wet periods. Call for current rwy conditions. Rwy E-W dog leg in rwy approximately 15°. Rwy E-W width varies from 120 ft to 275 ft. Rwy E-W 246' west end marked safety area, 300' east end marked safety area. Rwy E marked with red and white boundary markers. Rwy W marked with red and white boundary markers.

COMMUNICATIONS: CTAF 122.9**JAKE ARNER MEML** (See LEHIGHTON)**JEANNETTE****GREENSBURG JEANNETTE RGNL** (5G8) 3 N UTC-5(-4DT) N40°22.59' W79°36.50'

DETROIT

1188 B TPA-1988(800) NOTAM FILE AOO

L-29C

RWY 02-20: H2605X50 (ASPH) MIRL**RWY 02:** Hill. Rgt tfc.**RWY 20:** Tree.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z±. Parachute Jumping. Deer and birds on and invof arpt with occasional rwy incursions. Terrain drops off rapidly on both ends of rwy. ACTIVATE MIRL Rwy 02-20-CTAF, after 0500Z± rotating bcn by prior request 724-744-2900. Rwy 02-20 no twy lgts. NSTD rwy lgt spacing.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE AGC.**ALLEGHENY (L) VOR/DME** 110.0 AGC Chan 37 N40°16.72' W80°02.45' 082° 20.7 NM to fld. 1290/09W.

HIWAS.

JERSEY SHORE (P96) 2 E UTC-5(-4DT) N41°12.42' W77°13.56'

DETROIT

547 B S2 FUEL 100LL NOTAM FILE IPT

RWY 09-27: 3060X130 (TURF) LIRL**RWY 09:** Thld dsplcd 300'. Road.**RWY 27:** Road.

AIRPORT REMARKS: Attended on call. Ultralghts on and invof arpt. Deer on and invof arpt. Rwy 09-27 outlined with reflectors, and Rwy lgts. ACTIVATE LIRL Rwy 09-27, and wind indicator-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7**JOHN MURTHA JOHNSTOWN-CAMBRIA CO** (See JOHNSTOWN)

JOHNSTOWN**JOHN MURTHA JOHNSTOWN—CAMBRIA CO**

(JST)(KJST) CIV/MIL/ANG/ARNG/AR 3 NE UTC-5(-4DT) DETROIT

H-10H, 121, L-29D

IAP, DIAP, AD

N40°18.97' W78°50.04'

2284 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE JST

RWY 15-33: H7003X150 (ASPH-GRVD) S-93, D-183, DT-357, DDT-845 HIRL

RWY 15: VASI(V4L)—GA 3.0° TCH 52'. Trees.

RWY 33: MALSR. PAPI (P4R)—GA 3.0° TCH 53'. Antenna.

RWY 05-23: H4386X100 (ASPH) S-62, D-87, ST-110 MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 41'.

RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 49'. Pole.

AIRPORT REMARKS: Attended 1100-0500Z†. Rwy 15 +6' sign 70' from thld 189' left. Rwy 05 +6' sign 73' from thld 76' left. Caution deer and birds on and in vicinity of arpt. 48 hrs PPR for unscheduled air carriers ops with more than 30 passenger seats; call arpt manager 814-536-0002. When twr clsd ACTIVATE HIRL Rwy 15-33, MALSR Rwy 33, PAPI Rwy 33, twy lgts Twy A, Twy B, Twy G, and main terminal apron—CTAF. MIRL Rwy 05-23 unavailable when twr clsd. Ldg fee.

MILITARY REMARKS: AR All fixed wing ramp use PPR ctc AR weekdays 1300-2130Z† C814-532-7600. Fixed wing park first 5 pads facing hangar. Ltd maintenance fixed wing. Ramp pilot controlled lgt twy and parking, 143.3. ARNG All tfc to ARNG ramp weekdays 1300-2130Z† ctc Keystone OPS, other times PPR C814-532-7714. Ramp pilot controlled lgts 143.3.

WEATHER DATA SOURCES: ASOS 118.325 (C814) 535-3511.**COMMUNICATIONS:** CTAF 125.75 UNICOM 122.95 ATIS 118.325

JOHNSTOWN RCO 122.65 122.1R 113.0T (ALTOONA RADIO)

CLEVELAND CENTER APP/DEP CON 121.2 299.2

TOWER 125.75 (1100-0400Z†) GND CON 121.6 KEYSTONE OPS ARNG 139.15 241.35 40.80

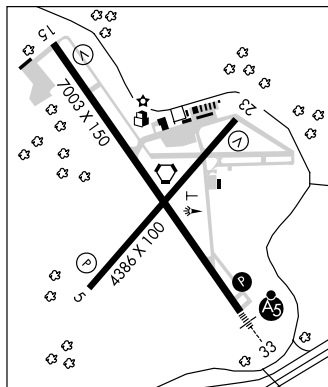
AIRSPACE: CLASS D svc 1100-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE JST.

(L) VORTAC 113.0 JST Chan 77 N40°19.00' W78°50.05' at fld. 2280/6W.

VORTAC unusable 110°-135°

TACAN azimuth unusable 135°-175°

ILS 110.1 I-JST Rwy 33. Class IT. GS unusable byd 4° left of course. Unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: UNICOM frequency 122.95 avbl for ground services only.**JOSEPH A. HARDY** (See CONNELLSVILLE)**KAMPEL** (See WELLSVILLE)**KEATING** N41°12.90' W78°08.57' NOTAM FILE A00.

DETROIT

(H) VORTAC 116.0 ETG Chan 107 316° 20.1 NM to St. Marys Muni. 2250/10W.

H-10H, L-30I

RCO 122.1R 116.0T (ALTOONA RADIO)

KELLER BROTHERS (See LEBANON)**KRALLTOWN****BERMUDIAN VALLEY AIRPARK** (Ø7N) 2 W UTC-5(-4DT) N40°01.01' W77°00.23'

DETROIT

470 S4 NOTAM FILE IPT

RWY 16-34: 2200X100 (TURF)

RWY 16: Thld dsplcd 370'. Trees.

RWY 34: Thld dsplcd 100'. Trees.

AIRPORT REMARKS: Attended irregularly. Field soft after prolonged rain. Rwy 16-34 marked with white painted tires.

Ultralight and glider activity on and invof arpt. Rwy 16 and 34 dsplcd thlds marked with orange cones each side of rwy and 2 white tires east side of rwy.

COMMUNICATIONS: CTAF/UNICOM 122.8

KUTZTOWN (N31) 1 S UTC-5(-4DT) N40°30.20' W75°47.22'
 512 B S4 FUEL 100LL TPA—See Remarks NOTAM FILE IPT
RWY 17-35: 2460X240 (ASPH-TURF) S-12.5 LIRL 0.3% up S
RWY 17: Thld dsplcd 420'. Tree. **RWY 35:** Ground.
RWY 10-28: 2221X150 (TURF) 1.3% up E
RWY 10: Trees. **RWY 28:** Thld dsplcd 295'. Tree.

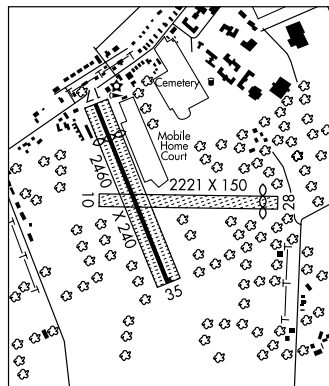
AIRPORT REMARKS: Attended APR-OCT 1400Z±-dusk, NOV-MAR
 Wed-Sun 1500Z±-dusk. Heavy glider tfc on and invof Rwy 17-35
 and on grass E side of Rwy 17-35, etc UNICOM prior to landing or
 takeoff. Glider staging area west side Rwy 17-35. Banner pickup
 and towing ops SR-SS. Twy ops for Rwy 17-35 and Rwy 10-28
 must be confined to grass W of Rwy 17-35 and N of Rwy 10-28.
 Rwy 17-35, 50 ft wide conc aligned in center of 240 ft turf strip.
 Rwy 10-28 boundary outlined with white barrels. Rwy 28 dsplcd
 thld marked with yellow barrels. TPA—gliders 1112(600), single
 engine 1312(800), multi-engine 1512(1000). LIRL Rwy 17-35 ops
 dusk-dawn, for rotating bcn call 215-683-5666. Rotating bcn
 OTS indef. Ldg fee.

COMMUNICATIONS: CTAF/UNICOM 123.0

® ALLENTOWN APP/DEP CON 118.2

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 234° 6.6 NM to
 fld. 742/09W.



NEW YORK
 L-30K, 34G
 IAP

LAKE HENRY N41°28.55' W75°28.96' NOTAM FILE IPT.

(L) VORTACW 110.8 LHY Chan 45 309° 14.1 NM to Seamans Fid. 2320/10W. HIWAS. H-101, 12J, L-30K, 33A, 34H
 VOR portion unusable 210°-265° byd 12 NM.

LAKE HILL (See MARS)

LANCASTER (LNS) 4 N UTC-5(-4DT) N40°07.34' W76°17.66'

NEW YORK

403 B S4 FUEL 100LL, JET A OX 4 TPA-1403 (1000) Class II, ARFF Index A H-10H, 121, L-29E, 34G, A IAP, AD

NOTAM FILE LNS

RWY 08-26: H6934X150 (ASPH-GRVD) S-65, D-92, ST-117, DT-146 HIRL 0.3% up W

RWY 08: MALSR. Thld dsplcd 203'. Road.

RWY 26: PAPI(P4L)—GA 3.0° TCH 47'. Thld dsplcd 59'.

RWY 13-31: H4101X100 (ASPH) S-65, D-92, ST-117, DT-146 MIRL

RWY 13: Tree.

RWY 31: REIL. VASI(V4L)—GA 3.0° TCH 37'.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 26	13-31	5190

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 08: TORA-6934 TODA-6934 ASDA-6475 LDA-6275

RWY 26: TORA-6934 TODA-6934 ASDA-6234 LDA-5775

RWY 13: TORA-4102 TODA-4102 ASDA-4102 LDA-4102

RWY 31: TORA-4102 TODA-4102 ASDA-4102 LDA-4102

AIRPORT REMARKS: Attended Mon—Fri 1100-0300Z, Sat

1200-0100Z, Sun 1200-0300Z. AER 31 safety area unavbl due to reconstruction project. Rwy 08 thld markings missing. Numerals and touchdown some markings not spaced as required due to location of tmpry dsplcd thld. Rwy lgts and MALSR unmonitored when twr clsd. PPR 24 hours for air carrier ops with more than 30 passenger seats, call arpt manager 717-569-1221. When twr clsd ACTIVATE HIRL Rwy 08-26, MALSR Rwy 08, MIRL Rwy 13-31, REIL Rwy 31, and twy lgts—CTAF.

WEATHER DATA SOURCES: ASOS (717) 569-8860.

COMMUNICATIONS: CTAF 120.9 ATIS 125.675 UNICOM 122.95

RCO 122.1R 117.3T (WILLIAMSPORT RADIO)

® HARRISBURG APP/DEP CON 126.45

TOWER 120.9 (1100-0400Z) GND CON 121.8

AIRSPACE: CLASS D svc effective 1100-0400Z other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

(L) VORTAC 117.3 LRP Chan 120 N40°07.20' W76°17.48' at fld. 399/09W.

VOR unusable:

195°-220° byd 25 NM blo 3000'

221°-273° byd 21 NM blo 4500'

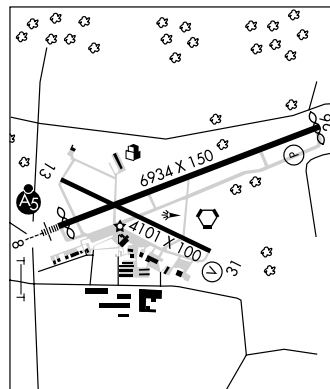
DME unusable 331°-039° byd 30 NM.

320°-340° byd 18 NM blo 5000'

320°-340° byd 25 NM blo 6000'

ILS 108.7 I-LNS Rwy 08. Class IE ILS unmonitored when twr clsd. GS unusable for coupled apchs blo 1370 ft.

COMM/NAV/WEATHER REMARKS: When twr clsd pickup clearance TF 800-932-0712.



LATLE N40°10.69' W77°00.34' NOTAM FILE CX.

NDB (LOM) 219 CX 083° 7.5 NM to Capital City. Unmonitored when Capital City twr clsd.

LATROBE

ARNOLD PALMER RGNL (LBE) 2 SW UTC-5(-4DT) N40°16.48' W79°24.41'
 1199 B S4 FUEL 100LL, JET A OX 3 Class I, ARFF Index A. NOTAM FILE LBE
RWY 05-23: H8223X100 (ASPH-GRVD) S-68, D-90, ST-114, DT-150 HIRL

DETROIT
 H-10H, 12I, L-29C
 IAP, AD

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 34'. Trees. 1.4% down.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Thld dspcd 850'.
 Rgt ttc.

RWY 03-21: H3609X75 (ASPH) S-22 MIRL

RWY 03: Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-3609 TODA-3609 ASDA-3609 LDA-3609
RWY 21: TORA-3609 TODA-3609 ASDA-3609 LDA-3609
RWY 05: TORA-8223 TODA-8223 ASDA-8223 LDA-8223
RWY 23: TORA-8223 TODA-8223 ASDA-8223 LDA-7373

AIRPORT REMARKS: Attended continuously. Rwy 03-21 CLOSED to air carrier acft. Deer and birds on and invof arpt. Twy J restricted to acft with a wingspan less than 49'. NSTD Rwy 03 thld bar faded, located on blast pad and not in proper location; blast pad chevrons are incomplete. When twr clsd ACTIVATE HIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23, REIL Rwy 05 and MALSR Rwy 23, Twy lgs A, B, C and D—CTAF. MIRL Rwy 03-21, Twys F, G, H and Twy B west of Rwy 03-21 unavailable when twr clsd. Rwy 23 MALSR OTS when twr open. Ldg fee.

WEATHER DATA SOURCES: AWOS-3 118.375 724-537-0671.

COMMUNICATIONS: CTAF 125.0 ATIS 118.375

CLEVELAND CENTER APP/DEP CON 124.4

PALMER TOWER 125.0 (1115-0300Z)

GND CON 121.8

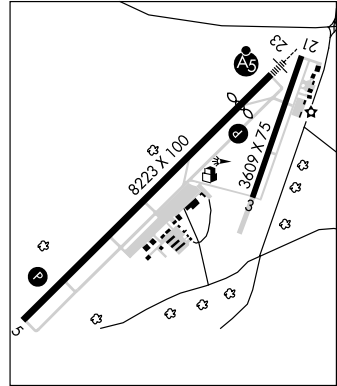
AIRSPACE: CLASS D svc 1115-0300Z, other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE A00.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45' W79°21.50' 359°18.1 NM to fld. 2820/06W.

BENJE NDB (NHW) 382 BHU N40°22.53' W79°16.30' 233° 8.7 NM to fld. NOTAM FILE LBE.

ILS 110.9 I-LBE Rwy 23. Class IA. ILS unmonitored when twr clsd.

**LEBANON**

KELLER BROTHERS (Ø8N) 5 SE UTC-5(-4DT) N40°17.51' W76°19.73'

NEW YORK

550 B NOTAM FILE IPT

RWY 07-25: 2635X120 (TURF) LIRL (NSTD)

RWY 07: Thld dspcd 275'. Tree. **RWY 25:** Thld dspcd 600'. Tree.

AIRPORT REMARKS: Unattended. ACTIVATE rotating beacon and wind indicator lgt and LIRL Rwy 07-25—121.9. Rwy 07-25 NSTD LIRL; rwy ends identified by 2 strobe lgs and NSTD thld lgt fixtures. Rwy 07-25 outlined with lights and yellow panels. ACTIVATE rotating bcn and LIRL Rwy 07-25—121.9.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.

LEEHI N40°35.15' W75°32.97' NOTAM FILE ABE.

NDB (LOM) 400 AB 061°6.4 NM to Lehigh Valley Intl.

LEHIGHTON

BELTZVILLE (14N) 3 E UTC-5(-4DT) N40°50.66' W75°38.13'

NEW YORK

899 S2 FUEL 100LL NOTAM FILE IPT

RWY 08-26: 2020X100 (TURF) S-5

RWY 08: Thld dspcd 360'. Road. **RWY 26:** Trees.

AIRPORT REMARKS: Attended irregularly. For svc call 610-377-4887. Ultralights on and invof arpt. Rwy 08-26 not plowed during winter months. Rwy 08-26 thlds marked with white markers; north side of rwy and dspcd thlds marked with lime/paint.

COMMUNICATIONS: CTAF 122.9

JAKE ARNER MEML (22N) 3 SW UTC-5(-4DT) N40°48.57' W75°45.69'NEW YORK
L-30K, 34G
IAP

534 B S4 FUEL 100LL, JET A NOTAM FILE IPT

RWY 08-26: H3000X60 (ASPH) S-12.5 MRL 0.8% up E

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk, 24 hr self-serve 100LL and JET A. ACTIVATE MRL Rwy 08-26, REILS and PAPI Rwy 08 and Rwy 26 —CTAF.

WEATHER DATA SOURCES: ASOS 119.350 (570) 386-3423.

COMMUNICATIONS: CTAF/UNICOM 123.05

⑧ ALLENTOWN APP/DEP CON 119.65 (Above 3000) 118.2 (3000 and blo)

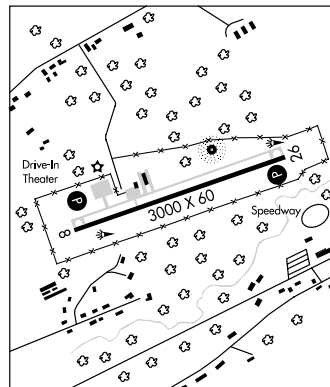
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86'

W75°41.04' 355° 14.1 NM to fld. 742/09W.

CARBON NDB (MHW) 339 LQX N40°48.72' W75°45.55' at fld.

Unusable byd 12 NM.

**LEHIGH VALLEY INTL** (See ALLENTOWN)**LOCK HAVEN****WILLIAM T. PIPER MEMORIAL** (LHV) 2 E UTC-5(-4DT) N41°08.14' W77°25.34'DETROIT
L-30J
IAP

556 B S4 FUEL 100LL, JET A NOTAM FILE IPT

RWY 09L-27R: H3806X100 (ASPH) S-30 MRL

RWY 09L: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Tree.

RWY 27R: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Thld dspcd 465'.

Tree. Rgt tfc.

RWY 09R-27L: 2200X100 (TURF)

RWY 27L: Trees. Rgt tfc.

AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z±, Sat-Sun

1500-2300Z±. Fuel avbl after hrs by prior req; call

570-748-9267 or 570-295-7952 or 800-224-7511. ACTIVATE

MRL Rwy 09-27 and PAPI Rwy 09 and Rwy 27 —CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

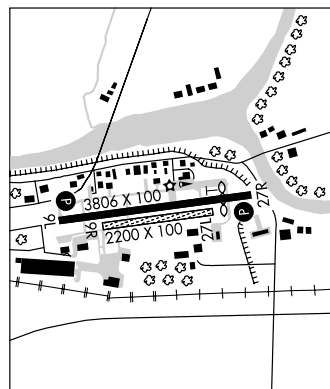
⑧ NEW YORK CENTER APP/DEP CON 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98'

W77°59.56' 073° 29.1 NM to fld. 2440/10W.

COMM/NAV/WEATHER REMARKS: Local wx on CTAF (3 clicks).

**MARS****LAKEHILL** (P09) 1 NW UTC-5(-4DT) N40°42.42' W80°01.82'

DETROIT

1030 NOTAM FILE AOO

RWY 05-23: 2850X75 (TURF)

RWY 05: Thld dspcd 366'. Trees.

RWY 23: Trees.

AIRPORT REMARKS: Unattended. CLOSED when snow on rwy. Rwy 05 has trees in approach surface. Rwy 23 has trees in approach surface. Ground hogs on and invof arpt. Rwy 05-23 width varies from 75' to 100'. Rwy soft during wet and thawing periods. Rwy 05-23 marked with orange cones.

COMMUNICATIONS: CTAF 122.9

McGINNESS (See COLUMBIA)**McKEESPORT** N40°21.31' W79°46.86' NOTAM FILE AGC.DETROIT
L-29C

NDB (HW) 287 MKP 277° 6.8 NM to Allegheny Co.

McVILLE (See FREEPORT)

MEADVILLE

PORT MEADVILLE (GKJ) 3 W UTC-5(-4DT) N41°37.59' W80°12.88'

1399 B S4 **FUEL** 100LL, JET A NOTAM FILE GKJ

RWY 07-25: H5001X75 (ASPH) S-12, D-60 MIRL

RWY 07: VASI(V4L)—GA 3.0°TCH 60'. Trees.

RWY 25: MALS. PAPI(P4L)—GA 3.0° TCH 41'. Trees.

AIRPORT REMARKS: Attended 1300-2200Z†. Parachute Jumping. Birds, deer and ground hogs on and invof arpt. Terminal building clsd major holidays. Hrs 0800-1200 LOCAL on warm wx holidays (Memorial Day, 4th of July, Labor Day). ACTIVATE MIRL Rwy 07-25, VASI Rwy 07; PAPI Rwy 25 and MALS Rwy 25—CTAF. Ldg fee.

WEATHER DATA SOURCES: ASOS 121.425 (814) 337-2590.

COMMUNICATIONS: CTAF/UNICOM 123.0

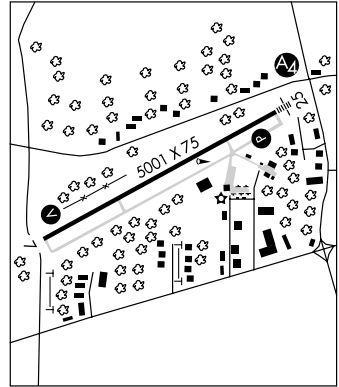
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z†) **CLNC DEL** 124.95

Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86' W80°40.48' 054° 27.3 NM to fld. 1140/05W. **HIWAS.**

ILS 108.5 I-GKJ Rwy 25. Loc only.



DETROIT
H-10H, L-30H
IAP

MID ATLANTIC SOARING CENTER (See FAIRFIELD)

MID-STATE (See PHILIPSBURG)

MIFFLIN CO (See REEDSVILLE)

MIFFLINTOWN (P34) 2 N UTC-5(-4DT) N40°35.94' W77°24.34'

545 B **FUEL** 100LL, MOGAS NOTAM FILE IPT

RWY 08-26: H2627X50 (ASPH) LIRL

RWY 08: Thld dsplcd 232'. **RWY 26:** Tree.

AIRPORT REMARKS: Attended irregularly. Rotating bcn OTS. ACTIVATE rotating beacon, LIRL Rwy 08-26 and wind indicator lgts—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8.

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINGSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45' W76°53.04' 252° 26.4 NM to fld. 620/08W. **HIWAS.**

DETROIT
L-30J
IAP

MILTON N41°01.40' W76°39.92' NOTAM FILE IPT.

(L) **VORTACW** 109.2 MIP Chan 29 107° 11.3 NM to Bloomsburg Muni. 1000/09W

NEW YORK
H-10H, L-30J

MODENA N39°55.08' W75°40.25' NOTAM FILE IPT.

(L) **VORTAC** 113.2 MXE Chan 79 230° 7.0 NM to New Garden. 474/09W. **HIWAS.**

WASHINGTON
H-10I, 12I, L-34G, A

VOR portion unusable:

060°-085°

170°-248° byd 8 NM blo 6000'

170°-248° byd 27 NM blo 7500'

170°-248° byd 30 NM blo 9500'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°

RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

MONONGAHELA**ROSTRAVER** (FWQ) 5 E UTC-5(-4DT) N40°12.58' W79°49.89'DETROIT
L-29C
IAP

1228 B S4 FUEL 100LL, JET A NOTAM FILE AOO

RWY 08-26: H4001X75 (ASPH-GRVD) S-26, D-30 MIRL

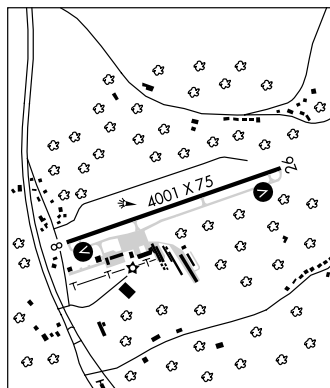
RWY 08: REIL. VASI(V4R)—GA 3.0°TCH 53'. Brush.

RWY 26: REIL. VASI(V4L)—GA 3.0°TCH 50'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-2000Z±, On call after hrs ctc 724-640-6193/6349. Deer and birds on and in/ov arpt. Rwy 08 rgt tfc helicopter/ultralights. Rwy 26 Rgt tfc helicopter/ultralights. ACTIVATE MIRL Rwy 08-26; VASI Rwy 08 and Rwy 26, REIL Rwy 08 and Rwy 26—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.475 (724) 379-5815.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **PITTSBURGH APP/DEP CON** 119.35**RADIO AIDS TO NAVIGATION:** NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72' W80°02.45' 122° 10.5 NM to fld. 1290/09W. HIWAS.

**MONROEVILLE****PITTSBURGH-MONROEVILLE** (4G0) 1 N UTC-5(-4DT) N40°27.14' W79°46.49'

DETROIT

1187 S2 TPA-1987(800) NOTAM FILE AOO

RWY 05-23: H2280X28 (ASPH)

RWY 05: Trees.

RWY 23: Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Deer on and in/ov arpt. Rwy 05-23 extensive cracks and uneven patches.**COMMUNICATIONS:** CTAF 122.9**MONTGOMERY** N40°29.29' W80°11.63' NOTAM FILE PIT.DETROIT
L-29C

(L) VORTAC 112.0 MMJ Chan 57 284° 1.8 NM to Pittsburgh Intl. 1200/08W.

VOR portion unusable 277°-010°.

DME unusable 272°-277°.

RC0 122.1R 112.0T (ALTOONA RADIO)

MONTROSE**HUSKY HAVEN** (P32) 3 S UTC-5(-4DT) N41°47.34' W75°53.40'

NEW YORK

1670 NOTAM FILE IPT

RWY 10-28: 1900X100 (TURF)

AIRPORT REMARKS: Unattended. For evening ops call 516-790-9183. Ultralights on and in/ov arpt. Rwy 10-28 not plowed during winter months. Rwy 10-28 marked with tires painted yellow.

COMMUNICATIONS: CTAF 122.9**MORGANTOWN** (O03) 1 E UTC-5(-4DT) N40°09.42' W75°52.23'

NEW YORK

600 FUEL 100LL NOTAM FILE IPT

RWY 10-28: 2500X100 (TURF) LIRL

RWY 10: Thld dsplcd 435'. Road.

AIRPORT REMARKS: Attended irregularly. Glider activity on arpt. ACTIVATE LIRL Rwy 10-28 and windsock lgts—CTAF.

Rwy 10-28 marked with yellow tires and lgts. Dsplcd thld Rwy 10 marked by lgt fixtures with yellow collars; 3 each side.

COMMUNICATIONS: CTAF 122.9

MOUNT JOY/MARIETTA**DONEGAL SPRINGS AIRPARK** (N71) 3 SW UTC-5(-4DT) N40°05.53' W76°34.46'

NEW YORK

458 B S4 FUEL 100LL OX 2, 3 TPA-1258(800) NOTAM FILE IPT

L-29E, 346, A

RWY 10-28: H3250X50 (ASPH) S-12.5 MIRL

IAP

RWY 10: Thld dsplcd 390'. Tree.

RWY 28: Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300Z±-dusk, Sat 1400-1900Z±.

Parachute Jumping. Rwy 10 dsplcd thld bar 300' from rwy end, dsplcd thld lgts 390' from rwy end. ACTIVATE MIRL Rwy 10-28 and rotating bcn between 0500Z±-SR-CTAF.

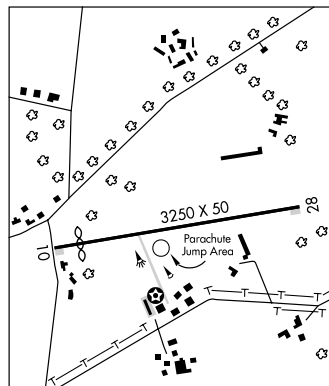
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ HARRISBURG APP/DEP CON 126.45 CLNC DEL 127.05

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (L) VORTAC 117.3 LRP Chan 120 N40°07.20'

W76°17.48' 272° 13.1 NM to fld. 399/09W.

**MOUNT PLEASANT****MOUNT PLEASANT/SCOTTTDALE** (P45) 3 S UTC-5(-4DT) N40°06.50' W79°32.49'

DETROIT

1160 S4 FUEL 80 NOTAM FILE AOO

RWY 06-24: 2188X161 (TURF)

RWY 06: Thld dsplcd 254'. Trees.

RWY 24: P-line.

RWY 14-32: 1600X220 (TURF)

RWY 14: Building.

RWY 32: Trees.

AIRPORT REMARKS: Attended irregularly, call 724-887-8888. Extensive helicopter activity at adjacent heliport.

Ultralight activity on and invof arpt. Ultralight acft use 500 ft AGL rgt tfc pattern for all rwys. During spring thaw and wet periods call for arpt availability 724-887-8888. Rwy 14 road crosses centerline 128' northwest, angling to the left side of thld. Rwy 14-32 marked with NSTD yellow boundary markers-barrels. Rwy 06-24 marked with nstd yellow boundary markers-barrels. Rwy 06 dsplcd thld marked with contrasting red boundary markers. Rwy 32 Boundary markers are rusting. Rwy 06-24 first 375 ft AER 06 has 7% gradient.

COMMUNICATIONS: CTAF 122.9**W.P.H.S. HELIPORT** (P99) 3 S UTC-5(-4DT) N40°06.51' W79°32.89'

DETROIT

1090 S4 FUEL JET A NOTAM FILE AOO

HELIPAD H1: H74X74 (CONC-ASPH)

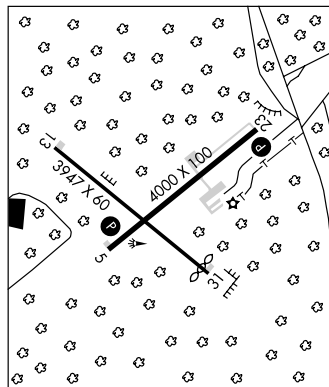
HELIPORT REMARKS: Attended Mon-Fri 1300-2200Z±. Helipad H1 CONC touchdown pad 42 ft by 42 ft; remainder of ldg area is asph. Fixed wing tfc adjacent at Mount Pleasant-Scottdale arpt. Helipad H1 ingress 320°-050°, egress 140°-230°.**COMMUNICATIONS:** CTAF 122.9

MOUNT POCONO**POCONO MOUNTAINS MUNI** (MPO) 2 NW UTC-5(-4DT) N41°08.25' W75°22.73'**NEW YORK**
L-30K, 33A, 34H
IAP

1915 B S4 FUEL 100LL, JET A NOTAM FILE MPO

RWY 05-23: H4000X100 (ASPH) S-30, D-45, DT-70 MIRL 1.0% up NE**RWY 05:** REIL. PAPI(P2L). Trees.**RWY 23:** REIL. PAPI(P2L). Road.**RWY 13-31:** H3947X60 (ASPH) S-10 MIRL**RWY 13:** REIL. Tree.**RWY 31:** Thld dsplcd 180'. Trees.**AIRPORT REMARKS:** Attended Nov-Apr 1200-2300Z, May-Oct 1200-0000Z. For svc after hours call 570-877-3701. 24 hr self service 100LL avbl. Birds and deer on and invof arpt. REIL Rwy 05 OTS indef. REIL Rwy 23 OTS indef. ACTIVATE MIRL Rws 05-23 and Rwy 13-31 and PAPI Rws 05 and 23; REIL Rwy 05, 23 and 13-CTAF.**WEATHER DATA SOURCES:** ASOS 120.275 (570) 839-1584.**COMMUNICATIONS:** CTAF 122.7 UNICOM 122.7 (1300Z-dusk)® **WILKES-BARRE APP/DEP CON 126.3 CLNC DEL 125.3****RADIO AIDS TO NAVIGATION:** NOTAM FILE AVP.**WILKES-BARRE (L) VORTACW 111.6 LVZ** Chan 53 N41°16.37'

W75°41.37' 130° 16.2 NM to fld. 2120/10W.

**MUIR AAF** (FORT INDIANTOWN GAP) (MUI)(KMUI) ARNG 6 N UTC-5(-4DT)
N40°26.09' W76°34.16'**NEW YORK**
L-30J, 34G, A
DIAP

488 B TPA-See Remarks NOTAM FILE IPT Not insp.

RWY 07-25: H3967X100 (ASPH) PCN 24 F/B/W/T MIRL 1.0% up E**RWY 07:** Thld dsplcd 400'. **RWY 25:** PAPI(P4L)-GA 3.0° TCH 50'. Thld dsplcd 100'.**MILITARY SERVICE:** LGT ACTIVATE PAPI Rwy 25-CTAF. **FUEL J8.** PPR, 24 hr weekdays, 48 hr weekends, for fuel and parking through ARNG OPS C717-861-8963, DSN 491-8963.**MILITARY REMARKS:** Opr 1 Apr-31 Oct Mon-Fri 1400-0500Z. 1 Nov-31 Mar Mon-Fri 1300-0300Z. Open additional hrs for scheduled training. See FLIP AP/1 Supplementary Arpt Remark. **RSTD** PPR 24 hr, call during normal duty hr. PPR all transient aircraft. Ctc OPS DSN 491-8963, C717-861-8963. **CAUTION** Rwy has gradual 30' rise from AER 07 to a point 2800' up rwy, rwy ends not mutually visible. Lgtd water twr 0.7 NM west and 0.5 NM south of airfield. **TFC PAT** TPA-fixed-wing, multi-engine 2000(1512), single-engine 1500(1012), rotary wing 1200(712).**MISC** Limited parking. Weather 1200-0300Z excluding weekend and holidays, other times ctc 15 OWS, Scott AFB, DSN 576-9755; 2 hr lead time required.**WEATHER DATA SOURCES:** ASOS (717) 861-6493. DSN 491-6493.**COMMUNICATIONS:** CTAF 126.2® **HARRISBURG APP/DEP CON 118.25 269.45****TOWER** 126.2 241.0 (Mon-Fri 1200-0400Z, except holidays, check NOTAM daily)**GND CON** 121.625 265.6 **ARNG OPS** 49.95 **FLIGHT FOLLOWING** 40.9**AIRSPACE:** CLASS D svc Mon-Fri 1200-0400Z, except holidays, check NOTAM daily, other time CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**BELLS GROVE NDB (MHW) BZJ 328** N40°26.16' W76°33.18' at fld.

MYERSTOWN**DECK** (9D4) 1 SW UTC-5(-4DT) N40°21.13' W76°19.78'

523 B S4 FUEL 100LL, JET A OX 1, 3 NOTAM FILE IPT

RWY 01-19: H3786X50 (ASPH) S-12 MIRL 0.3% up N

RWY 01: REIL(NSTD). Tree.

RWY 19: REIL(NSTD). Thld dsplcd 187'.

AIRPORT REMARKS: Attended 1200-0200Z. Acft hangar 570' behind Rwy 01 thld and 212' left, unlgtd. Acft parked 57' behind Rwy 01 thld and 132' left. ACTIVATE MIRL Rwy 01-19; REIL Rws 01 and 19; and rotating beacon—CTAF. Rwy 01-19 NSTD REILS—strobe lgts identify rwy ends.

COMMUNICATIONS: CTAF/UNICOM 122.8

HARRISBURG APP/DEP CON 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20'

W76°35.96' 145° 17.3 NM to fld. 1750/11W.

COMM/NAV/WEATHER REMARKS: For pick-up clearance TF

1-800-932-0712.



NEW YORK
L-301, 346, A
IAP

NEW CASTLE MUNI (UCP) 4 NW UTC-5(-4DT) N41°01.52' W80°24.81'

1070 B S4 FUEL 100LL, JET A NOTAM FILE AOO

RWY 05-23: H3995X75 (ASPH) S-12.5 MIRL 0.4% up SW

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 59'. Trees.

RWY 13-31: H2745X100 (ASPH) S-12.5 2.0% up SE

RWY 13: PAPI(P2L)—GA 3.0° TCH 55'.

RWY 31: PAPI(P2L)—GA 3.0° TCH 57'. Trees.

AIRPORT REMARKS: Attended 1300Z±-dusk. ACTIVATE MIRL Rwy 05-23 PAPI Rwy 05, Rwy 23, Rwy 13, and Rwy 31, REIL Rwy 05 and Rwy 23—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ YOUNGSTOWN APP/DEP CON 133.95 (1100-0500Z±)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.725 (0500-1100Z±)

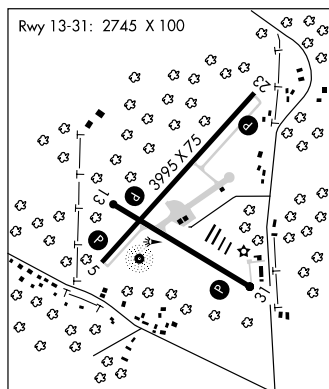
RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86'

W80°40.48' 152° 21.8 NM to fld. 1140/5W. HIWAS.

CASTLE NDB (MHW) 272 UCP N41°01.38' W80°24.95' at fld.

NOTAM FILE AOO.



DETROIT
L-30H
IAP

NEW GARDEN (See TOUGHKENAMON)**NEWRY****BLUE KNOB VALLEY** (7G4) 1 W UTC-5(-4DT) N40°23.76' W78°27.24'

1270 S2 FUEL 100LL NOTAM FILE AOO

RWY 11-29: 3415X89 (GRVL)

RWY 11: Thld dsplcd 300'. Road.

RWY 29: Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Rwy 11-29 surface is rolled slate. Rwy 11 dsplcd thld marked with yellow L's each side. Rwy 11-29 dimensions marked with boundary markers; fair condition. Arpt surrounded by mountains. Loose stones on rwy, twy and ramp.

COMMUNICATIONS: CTAF/UNICOM 122.8

DETROIT

NORTHEAST PHILADELPHIA (See PHILADELPHIA)

NORTH PHILADELPHIA N40°04.92' W75°00.57' NOTAM FILE PNE.

NEW YORK

(T) VOR 112.0 PNE at Northeast Philadelphia.

L-346, A

VOR unusable

061°-090° byd 9 NM blo 6000'

246°-359° byd 6 NM blo 6000'

091°-199°

RC0 122.6 122.2 (WILLIAMSPORT RADIO)

NORTHUMBERLAND CO (See SHAMOKIN)

PALMYRA

REIGLE FLD (58N) 2 S UTC-5(-4DT) N40°17.26' W76°34.65'

NEW YORK

489 B S4 FUEL 100LL, MOGAS NOTAM FILE IPT

RWY 13-31: H1950X40 (ASPH) S-12.5 LIRL (NSTD)

RWY 13: Tree. RWY 31: Thld dsplcd 300'. Tree.

AIRPORT REMARKS: Attended 1400-2200Z+. Rwy 13-31 Rwy 13 first 110 ft unlgtd; Rwy 31 first 60 ft unlgtd; 1780 ft of rwy lgtd. Rwy 13-31 NSTD LIRL; lghts located 125 ft left and right of centerline. Rwy 31 dsplcd thld identified at ngt by one green lgt each side of rwy. ACTIVATE LIRL Rwy 13-31 and rotating beacon—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: For pickup clearance, TF 800-932-0712.

PENN VALLEY (See SELINGSGROVE)

PENNRIDGE (See PERKASIE)

PENNS CAVE (See CENTRE HALL)

PENN'S LANDING HELIPORT (See PHILADELPHIA)

PENUE N40°54.62' W77°44.51' NOTAM FILE UNV.

NDB (LOM) 388 UN 242° 6.2 NM to University Park.

PERKASIE

PENNRIDGE (CKZ) 1 N UTC-5(-4DT) N40°23.35' W75°17.43'

NEW YORK

568 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE IPT

L-33A, 346, A

RWY 08-26: H4215X100 (ASPH-PFC) D-26 MIRL 1.1% up E

IAP

RWY 08: REIL. SAVASI(S2L). GA 4.0° TCH 21'. Trees.

RWY 26: REIL. SAVASI(S2L). GA 4.0° TCH 21'. Thld dsplcd 360'. Trees.

AIRPORT REMARKS: Attended daylight hours. For svc after hrs ctc 267-718-4254. Parachute Jumping. Occasional deer and wild turkeys on and invof rwy. Skydiving activities daily dawn to dusk. Rwy 08-26 CLOSED to touch and go lds. TPA for light acft 1368(800); TPA for turbo prop and jets 1768(1200). PPR for acft operating over 26,000 lbs ctc arpt mgr at 215-257-0166 prior to arrival.

WEATHER DATA SOURCES: AWOS-3 126.325 (215) 257-7291.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ PHILADELPHIA APP/DEP CON 123.8 CLNC DEL 118.55 TF 800-354-9884

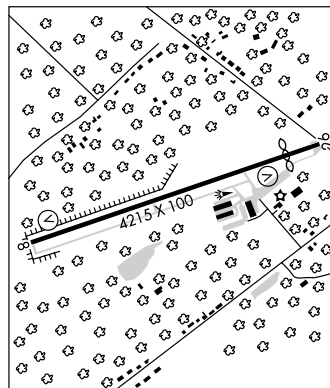
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 131° 21.4 NM to fld. 742/9W.

QUAKERTOWN NDB (MHW) 208 UKT N40°25.49'

W75°17.84' 184° 2.2 NM to fld. Monitored dalgt hours only.

Unusable byd 10 NM.



PERKIOMEN VALLEY (See COLLEGEVILLE)

PHILADELPHIA**NORTHEAST PHILADELPHIA** (PNE) 10 NE UTC-5(-4DT) N40°04.92' W75°00.64'**NEW YORK**

120 B S4 FUEL 100LL, JET A OX 1, 3, 4 TPA—See Remarks LRA

H-101, 121, L-346, A

NOTAM FILE PNE

IAP, AD

RWY 06-24: H7000X150 (ASPH-GRVD) S-60, D-90,

ST-114 HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 57'. Trees.**RWY 24:** MALSR. PAPI(P4R)—GA 3.0° TCH 52'. Trees.**RWY 15-33:** H5000X150 (ASPH-GRVD) S-40, D-55 MIRL**RWY 15:** REIL. VASI(V4L)—GA 3.0° TCH 41'. Trees.**RWY 33:** REIL. VASI(V4L)—GA 3.0° TCH 39'. Trees.**LAND AND HOLD SHORT OPERATIONS**

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 24	15-33	4150
RWY 33	06-24	3600

AIRPORT REMARKS: Attended continuously. Arpt CLOSED to air carrier with 9 or more passengers. Deer and birds on and in/ov arpt. Be alert for arpt vehicles when twr clsd. No military practice approaches without prior approval. TPA aircraft less than 12,500 lbs 1119(999), aircraft 12,500 lbs or more & all turbojet and turbine powered aircraft 1619(1499), rotary wing aircraft 919(799). Turbojet aircraft are confined to full length Rwy 06-24 unless strong winds dictate otherwise. Rwy 15 is noise sensitive; unless winds are 110°-190° at 8 knots or more, this runway will not be assigned. Rwy 15 arrivals are requested to fly at or above glide path. Twys C and C3 to the AER 33 and Twy C3 restricted to design group 1 and 2 acft only. When twr clsd HIRL Rwy 06-24 preset on medium ints; ACTIVATE MALSR Rwy 24—CTAF. Ldg fee. U. S. Customs user fee arpt; 24 hr PPR notification by calling 215-698-3100.

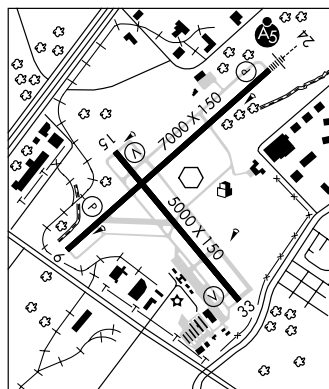
WEATHER DATA SOURCES: ASOS (215) 677-0146.**COMMUNICATIONS:** CTAF 126.9 ATIS 121.15 UNICOM 122.95**NORTH PHILADELPHIA RCO** 122.6 122.2 (WILLIAMSPORT RADIO)**PHILADELPHIA APP/DEP CON** 123.8 **CLNC DEL TF** 800-354-9884**TOWER** 126.9 (1100-0400Z†) **GND CON** 121.7 **CLNC DEL** 127.25**AIRSPACE:** CLASS D svc effective 1100-0400Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**YARDLEY (L) VOR/DME** 108.2 ARD Chan 19 N40°15.20' W74°54.46' 215° 11.3 NM to fld. 300/10W.**NORTH PHILADELPHIA (T) VOR** 112.0 PNE N40°04.92' W75°00.57' at fld. NOTAM FILE PNE.

VOR unusable

061°-090° byd 9 NM blo 6000'

246°-330° byd 6 NM blo 6000'

091°-199°

ILS 111.1 I-PNE Rwy 24. Class IA. (ILS unmonitored when tower closed). LOC backcourse unusable 15° left and right side of course.**COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not available at twr.**PENN'S LANDING HELIPORT** (P72) 0 N UTC-5(-4DT) N39°56.24' W75°08.48'**WASHINGTON**

15 B S4 FUEL JET A NOTAM FILE IPT

HELIPAD H1: H68X68 (ASPH) PERIMETER LIGHTS (NSTD)

HELIPORT REMARKS: Attended Mon-Fri 1300-2300Z†, Sat 1300-2100Z†, Sun on call. ACTIVATE NSTD perimeter lghts—123.025. Rwy H1 ingress 235°/315°, egress 055°/135°. Rwy H1 shallow surface depressions. Lgtg building 660' north of pad. Helipad H1 yellow lghts on east and south sides only. Ldg fee.

COMMUNICATIONS: CTAF 122.9**PHILADELPHIA CLNC DEL TF** 800-354-9884.

PHILADELPHIA INTL (PHL) 5 SW UTC-5(-4DT) N39°52.33' W75°14.45'

WASHINGTON

36 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index E

H-101, 121, L-346, A

NOTAM FILE PHL

IAP, AD

Rwy 09R-27L: H10506X200 (ASPH-GRVD) S-200, D-210, ST-175, DT-350 PCN 60 F/A/X/T HIRL CL

Rwy 09R: ALSF2. TDZL. Trees.

Rwy 27L: MALSR. PAPI(P4R)—GA 3.10° TCH 71'. Boat.

Rwy 09L-27R: H9500X150 (ASPH-GRVD) S-100, D-210, ST-175, DT-350 PCN 60 F/A/X/T HIRL CL

Rwy 09L: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 71'. Ground.

Rwy 27R: MALSR. PAPI(P4L)—GA 3.0° TCH 81'. Boat.

Rwy 17-35: H6501X150 (ASPH-GRVD) S-100, D-170, ST-175, DT-300 HIRL

Rwy 17: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. Pole.

Rwy 35: REIL. Boat.

Rwy 08-26: H5000X150 (ASPH-GRVD) DT-60 PCN 27 F/A/X/T HIRL CL 0.5% up E

Rwy 08: Bldg.

Rwy 26: MALSR. PAPI(P4R)—GA 3.15° TCH 50'. Fence.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
Rwy 09L	17-35	7350
Rwy 17	09-27R	4400

AIRPORT REMARKS: Attended continuously. Birds on and in/ovf arpt.

Airport is located in a noise sensitive area. Arpt noise abatement takeoff procedures are to be used. Unlgt'd stack 288 ft MSL (271 ft AGL) 2.3 NM SW of arpt. TCAS equipped acft—TCAS alert may be caused by transponder equipped ships located PHL Naval Base 3 NM E. Rwy 26, Rwy 27L, Rwy 27R, and Rwy 35 ship channel (Delaware River) max height of ships 189 ft. Rwy 26 ship channel (Schuylkill) max height of ships 149'. Possible unmarked ship obstruction transiting east or westbound along the Delaware River reaching heights of 189'—be alert when approaching PHL Rwy 35 and whenever circling or visually approaching all other rwys. Pilots can expect to exit and re-enter the PHL Class B airspace during moderate to heavy arrival periods. ASDE-X surveillance system in use, pilots should operate mode C on all twys and rwys. Only nose-in parking permitted on North and East remote aprons. PPR from arpt ops for all acft parking on North and East remote aprons; ctc 215-937-6914/6800. Land Rwy 26, tkf Rwy 08. Rwy 09 rollout RVR used for Rwy 09L midpoint RVR. Rwy 09L touchdown RVR avbl. Rwy 27R touchdown RVR avbl. Rwy 09R rollout RVR avbl. Rwy 27L touchdown, and rollout RVR avbl. Rwy 17 touchdown RVR avbl. Rwy 35 touchdown RVR avbl. Rwy 08 touchdown, rollout RVR avbl. Rwy 26 touchdown, rollout RVR avbl. Rough, uneven pavement on Twy S between Twy L and Twy S1. Twy D2 and Twy E2 clsd indef. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (215) 492-9617. LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR 133.4 D-ATIS DEP 135.925 UNICOM 122.95

① **APP CON** 124.35 128.4 (270°-089° above 5000') 126.6 (090°-269° above 5000') 127.35 (090°-269° at or below 5000') 126.85 (270°-360° at or below 5000') 123.8 (001°-089° at or below 5000')

① **DEP CON** 119.75 (090°-269°) 124.35 (270°-089°)

TOWER 118.5 (Rwys 09L-27R, 17-35, 08-26) 135.1 (Rwy 09R-27L) **GND CON** 121.9 121.65 **CLNC DEL** 118.85

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ILG.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' 065° 20.6 NM to fld. 70/10W.

ILS/DME 108.75 I-MYY Chan 24(Y) Rwy 17. Class IT. LOC unusable byd 15° left of course.

ILS/DME 108.95 I-VII Chan 26(Y) Rwy 09L. Class IB.

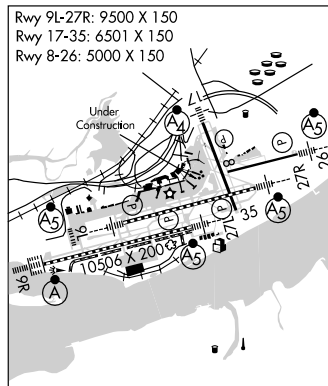
ILS/DME 109.3 I-GLC Chan 30 Rwy 27L. ILS unusable inbound from 0.6 NM to thld.

ILS/DME 109.3 I-PHL Chan 30 Rwy 09R. Class IIIIE. DME also serves Rwy 27L.

ILS/DME 108.95 I-PDP Chan 26(Y) Rwy 27R. Class IE.

ILS/DME 111.55 I-LLH Chan 52(Y) Rwy 26.

COMM/NAV/WEATHER REMARKS: Dual VHF communications rqr for Simultaneous Close Parallel ILS PRM approaches. Rwy 26 monitor 123.6 and Rwy 27L monitor 120.425.



WINGS FLD (LOM) 3 NW UTC-5(-4DT) N40°08.25' W75°15.91'

302 B S4 FUEL 100LL, JET A OX 1, 2 TPA-1502(1200) NOTAM FILE LOM

RWY 06-24: H3700X75 (ASPH) S-12.5 MIRL 0.6% up SW

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 177'. Trees.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended 1100-0500Z+. Deer and large flocks of geese on and in/ovf arpt. Public road at thld of Rwy 06. PPR all acft exceeding 12,500 lbs max tkf gross weight or above, call 215-646-0400. Voluntary restraints 2300-0600Z+. Noise abatement Rwy 06 and 24—No turns after tkf before 1000 ft AGL. Avoid overflight of schools east and west of arpt. Rwy 24 runup ops at Twy C. ACTIVATE MIRL Rwy 06-24, PAPI Rwy 06 and Rwy 24 and REIL Rwy 06 and Rwy 24—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.925 (215) 646-1068.

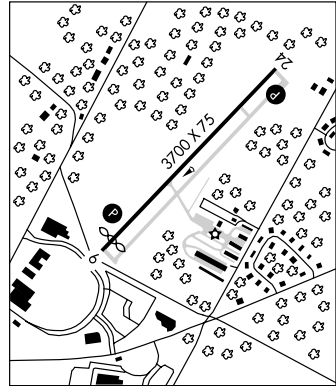
COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 **CLNC DEL** 118.55 TF
800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08'
W75°40.25' 064° 22.9 NM to fld. 474/09W. **HIWAS.**

AMBLER NDB (MHW) 275 ING N40°07.56' W75°17.11' 064°
1.2 NM to fld. OTS indef.



NEW YORK
L-34G, A
IAP

PHILADELPHIA SPB (See ESSINGTON)

PHILIPSBURG N40°54.98' W77°59.56' NOTAM FILE AOO.

(H) **VORTAC** 115.5 PSB Chan 102 256°4.7 NM to Mid-State. 2440/10W.

RCO 122.1R 115.5T (ALTOONA RADIO)

RCO N40°53.00' W78°05.23'. 122.6 122.5 (ALTOONA RADIO)

DETROIT
H-10H, 121, L-301

PHILIPSBURG

ALBERT (1N3) 5 N UTC-5(-4DT) N40°58.29' W78°14.57'

1784 NOTAM FILE AOO

RWY 11-29: 3350X125 (TURF-GRVL)

RWY 11: Trees. **RWY 29:** Thld dsplcd 205'. Sign.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov-Mar annually. Birds, deer and ground hogs on and in/ovf arpt.

Ultralight ops on and in/ovf arpt. Rwy 11-29 edges marked with yellow barrels. Rwy 11 and Rwy 29 dsplcd thld marked with red barrels.

COMMUNICATIONS: CTAF 122.9

DETROIT

MID-STATE (PSB) 8 E UTC-5(-4DT) N40°53.06' W78°05.24'

1948 B S1 FUEL 100LL, JET A NOTAM FILE AOO

RWY 16-34: H5711X100 (ASPH) S-48, D-60, DT-90 MIRL 0.5% up NW

RWY 16: MALSR. Trees. **RWY 34:** Trees.

RWY 06-24: H5006X100 (ASPH) S-48, D-60, DT-90 MIRL
1.0% up NE

RWY 06: Trees. **RWY 24:** PAPI(P4L)—GA 3.0° TCH 55'. Trees.

AIRPORT REMARKS: Attended 1330-2200Z+. For fuel after hrs call 814-342-1011. Deer on and in/ovf arpt. Heavy glider activity during dalgt hrs, all altitudes, within 15 NM E and S of arpt. ACTIVATE MIRL Rwy 06-24 and Rwy 16-34, MALSR Rwy 16, and PAPI Rwy 24—CTAF.

WEATHER DATA SOURCES: AWOS-3 127.525 (814) 343-4531.

COMMUNICATIONS: CTAF 122.9

PHILIPSBURG RCO 122.1R 115.5T (ALTOONA RADIO)

PHILIPSBURG RCO 122.6 122.5 (ALTOONA RADIO)

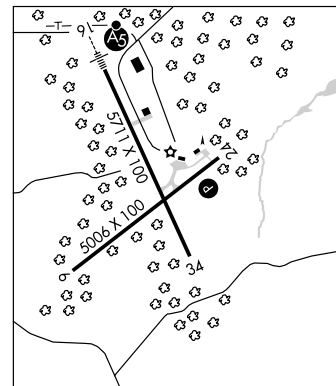
NEW YORK CENTER APP/DEP CON 134.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98'
W77°59.56' 256°4.7 NM to fld. 2440/10W.

PORTS NDB (LOM) 275 PS N40°59.17' W78°08.55' 167° 6.6
NM to fld. Unmonitored.

ILS 108.5 I-PSB Rwy 16. LOM PORTS NDB. ILS unmonitored.



DETROIT
H-10H, 121, L-301
IAP

PICTURE ROCKS N41°16.61' W76°42.61' NOTAM FILE IPT.

NDB (MHW) 344 PIX 267° 9.8 NM to Williamsport Rgnl.

NEW YORK

L-30J

PITTSBURGH

ALLEGHENY CO (AGC) 4 SE UTC-5(-4DT) N40°21.26' W79°55.81'

1252 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LRA NOTAM FILE AGC

RWY 10-28: H6501X150 (CONC-GRVD) S-90, D-120, ST-152, DT-210 HIRL

RWY 10: REIL. VASI(V4L)-GA 3.0°TCH 47'. Trees.

RWY 28: MALSR. Trees.

RWY 13-31: H3825X100 (CONC-GRVD) S-20, D-22 HIRL

RWY 13: REIL. Pole. RWY 31: REIL. Trees.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 10	13-31	3250

AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ovf arpt. Uneven pavement intersection Rws 10-28 and Twy G. Rwy 28 touchdown visual range avbl. Rwy 28 runway visual range OTS indef. Ldg fee for acft 5000 lbs and abv to include all helicopters.

WEATHER DATA SOURCES: ASOS (412) 466-8968. HIWAS 110.0 AGC.

COMMUNICATIONS: ATIS 120.55 UNICOM 122.95

RCO 122.1R 110.0T (ALTOONA RADIO)

RCO 122.4 122.2 (ALTOONA RADIO)

® **PITTSBURGH APP/DEP CON** 119.35

TOWER 121.1 GND CON 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

(L) VOR/DME 110.0 AGC Chan 37 N40°16.72' W80°02.45'

057° 6.8 NM to fld. 1290/09W. HIWAS.

VOR unusable 036°-059° beyond 10 NM below 7000' 226°-261° byd 10 NM.

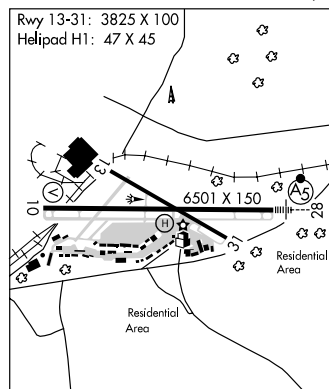
McKEESPORT NDB (HW) 287 MKP N40°21.31' W79°46.86' 277° 6.8 NM to fld.

ILS 109.1 I-AGC Rwy 28.

ILS 109.1 I-SAGC Rwy 10. Class IE. Unmonitored.

.....
HELIPAD H1: H47X45 (CONC)

HELIPORT REMARKS: Heliport H1 located on general aviation apron E of Twy C.



PITTSBURGH INTL (PIT) 12 NW UTC-5(-4DT) N40°29.49' W80°13.97'**DETROIT**

1203 B S2 FUEL 100LL, JET A LRA Class I, ARFF Index D NOTAM FILE PIT

H-10H, 12I, L-29C

RWY 10R-28L: H11500X200 (CONC-GRVD) S-100, D-225, ST-175, DT-350 HIRL CL

IAP, AD

RWY 10R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 52'. Trees.

RWY 28L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. Trees.

Trees. 0.3% up.

RWY 10L-28R: H10502X150 (ASPH-CONC-GRVD) S-100, D-225, ST-175, DT-400 HIRL CL

RWY 10L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75'. Trees.

RWY 28R: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. Trees.

Trees. 0.3% up.

RWY 10C-28C: H9709X150 (ASPH-CONC-GRVD) S-100, D-149, ST-175, DT-260 HIRL CL

RWY 10C: REIL. PAPI(P4L)—GA 3.0° TCH 51'.

RWY 28C: TDZL. PAPI (P4L)—GA 3.0° TCH 50'. Trees.

RWY 14-32: H8101X150 (CONC-GRVD) S-100, D-225, ST-175, DT-410 HIRL CL

RWY 14: PAPI(P4L)—GA 3.0° TCH 60'. Pole. 0.5% down.

RWY 32: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 72'. Trees.

0.3% up.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 10R: TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 28L: TORA-11500 TODA-11500 ASDA-11500 LDA-11500

RWY 10L: TORA-10502 TODA-10502 ASDA-10502 LDA-10502

RWY 28R: TORA-10502 TODA-10502 ASDA-10102 LDA-10102

RWY 10C: TORA-9709 TODA-9709 ASDA-9709 LDA-9709

RWY 28C: TORA-9709 TODA-9709 ASDA-9709 LDA-9709

RWY 14: TORA-8101 TODA-8101 ASDA-8101 LDA-8101

RWY 32: TORA-8101 TODA-8101 ASDA-8101 LDA-8101

AIRPORT REMARKS: Attended continuously. Deer and birds on and in/ov arpt. Rwy 10L ALSF2 and SSALR is a dual mode system and controlled by twr and remote monitored. Twr is authorized to taxi acft into position and hold on Rwy 28L at Twy 'P' during hrs of darkness. The specific rwy shall be used only for departures and the intersection must be visible from twr. All jets departing Rwy 28R must be aligned with rwy prior to applying takeoff power. Rwy 10C and Rwy 28C departures: do not apply tkf thrust prior to rwy thld. Rwy 32 NSTD precision instrument markings—TDZ markings missing at 3000'. Rwy 10R touchdown, midfield and rollout runway visual range avbl. Rwy 28L touchdown, midfield and rollout rwy visual range avbl. Rwy 10L touchdown, midfield and rollout rwy visual range avbl. Rwy 28R touchdown, midfield and rollout rwy visual range avbl. Rwy 14 touchdown, midfield and rollout rwy visual range avbl. Rwy 32 touchdown, midfield and rollout rwy visual range avbl. Rwy 10C touchdown, midfield and rollout rwy visual range avbl. Rwy 28C touchdown, midfield and rollout rwy visual range avbl. Twy F clsd indef from Twy P to Rwy 32. Twy Y clsd indef, access to commuter apron avbl via Twy Y1 and Twy Y2. Acft using Twy N prohibited to stop on overpass area due to possible emergency evacuation hazard. Terminal taxilanes east of concourses A and B restricted to group 3 acft and smaller. Ldg fee. NOTE: See Special Notices—Intersection Departures During Period of Darkness, and Continuous Power Facilities..

WEATHER DATA SOURCES: ASOS (412) 472-0145. TDWR.**COMMUNICATIONS:** D-ATIS ARR 127.25 D-ATIS DEP 135.9 UNICOM 122.95

MONTOUR RCO 122.1R 112.0T (ALTOONA RADIO)

① APP CON 124.15 (001°-090°) 123.95 (091°-180°) 133.7 (181°-270°) 121.25 (271°-360°)

TOWER 119.1 (Rwy 10R-28L) 128.3 (Rwy 10L-28R) 135.025 (Rwys 10C-28C and 14-32)

CLNC DEL 126.75 PRE-TAXI CLNC 126.75 GND CON 121.9 (South) 127.8 (North)

① DEP CON 119.35 (South) 124.75 (North) 125.275

AIRSPACE: CLASS B See VFR Terminal Area Chart.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PIT.

MONTOUR (L) VORTAC 112.0 MMJ Chan 57 N40°29.29' W80°11.63' 284° 1.8 NM to fld. 1200/08W.

ILS 111.7 I-LXB Rwy 10L. Class IIIE.

ILS 108.9 I-GUT Rwy 10R. Class IIIE.

ILS 111.3 I-TQW Rwy 32. Class IE.

ILS 111.7 I-HFE Rwy 28R.

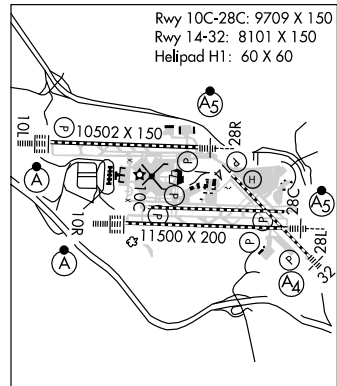
ILS 108.9 I-PFS Rwy 28L. Class IT.

ASR

COMM/NAV/WEATHER REMARKS: Terminal apron control frequencies are 130.77 for north apron; 131.37 for south apron.

HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Heliport H1 located on Twy 'N' north of Twy 'N4'.



ROCK (9G1) 12 NNE UTC-5(-4DT) N40°36.21' W79°49.57'
DETROIT

1063 NOTAM FILE AOO

L-29C**RWY 17-35:** H3550X100 (ASPH) HIRL**RWY 17:** Trees.**RWY 35:** Construction site.**AIRPORT REMARKS:** Attended 1300-2300Z+. Arpt CLOSED ngts. Arpt CLOSED for night ops indef. Arpt lgts inoperative.

Rwy construction in progress. PAEW adjacent to Rwy 17-35. PAEW indefly operation of construction equipment 519' from Rwy 35 thld. Rwy 17-35 HIRL OTS indef. Arpt lgts opr dusk-0500Z+. Rwy 35 controlling obstruction PENNDOT construction training site.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE PIT.**MONTOUR (L) VORTAC** 112.0 MMJ Chan 57 N40°29.29' W80°11.63' 076° 18.2 NM to fld. 1200/08W.

PITTSBURGH-MONROEVILLE (See MONROEVILLE)

PITTSFIELD
BROKENSTRAW (P15) 1 E UTC-5(-4DT) N41°49.96' W79°21.69'**DETROIT**1230 B S2 **FUEL** 100LL NOTAM FILE AOO**RWY 09-27:** 2660X100 (TURF) LIRL**RWY 09:** Thld dsplcd 210'. Road.**RWY 27:** Trees. Rgt tfc.**AIRPORT REMARKS:** Attended daylight hours. Deer, woodchucks and geese on and in/ov rwy. Extensive glider ops weekends. Rwy soft during spring thaw. Rwy 09-27 marked with lgts and orange barrels each side of rwy; dsplcd thld Rwy 09 marked with rwy lgts and orange barrels each side of rwy. ACTIVATE LIRL Rwy 09-27-122.8. For rotating bcn call 814-563-3166 or 4549 or 4949.**COMMUNICATIONS:** CTAF 122.9

POCONO MOUNTAINS MUNI (See MT. POCONO)

PORT MEADVILLE (See MEADVILLE)

PORTS N40°59.17' W78°08.55' NOTAM FILE AOO.
NDB (LOM) 275 PS 167°6.6 NM to Mid-State. Unmonitored.

POTTSTOWN N40°13.34' W75°33.62' NOTAM FILE PTW.
NEW YORK**(L) VORTAC** 116.5 PTW Chan 112 018° 1.1 NM to Pottstown Limerick. 290/09W.**H-101, L-34G**

VOR portion unusable:

071°-104° blo 6900'

270°-285° byd 18 NM

071°-104° byd 30 NM

286°-287° byd 28 NM blo 3000'

105°-120° byd 14 NM blo 3000'

288°-319° byd 10 NM blo 3000'

141°-159° byd 15 NM blo 6000'

288°-319° byd 26 NM

160°-179°

320°-339° byd 17 NM

180°-205° byd 10 NM blo 5500'

340°-070° byd 15 NM blo 2500'

206°-220° byd 10 NM blo 4500'

340°-070° byd 19 NM blo 4000'

241°-285° byd 15 NM blo 4500'

340°-070° byd 29 NM blo 5000'

241°-269° byd 23 NM blo 5500'

340°-070° byd 36 NM

270°-285° byd 6 NM blo 3500'

DME unusable 241°-286° byd 30 NM blo 5500'.

POTTSTOWN**POTTSTOWN LIMERICK** (PTW) 3 E UTC-5(-4DT) N40°14.37' W75°33.40'

NEW YORK

309 B S4 FUEL 100LL, JET A NOTAM FILE PTW

L-346, A

RWY 10-28: H3371X75 (ASPH) MIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Tree.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Thld dspcd 200'.
Trees. Rgt tfc.**AIRPORT REMARKS:** Attended Mon-Fri 1100-0200Z±, Sat-Sun 1300Z±-dusk. Arpt permanently CLOSED to acft 13,500 pounds and over. Birds and deer on and in/ovf arpt. Lighted and marked 507 ft AGL (769 ft MSL) stack 6000 ft W of Rwy 10. Ldg fee.**WEATHER DATA SOURCES:** ASOS 119.425 (610) 495-0823.**COMMUNICATIONS:** CTAF/UNICOM 122.7

④ PHILADELPHIA APP/DEP CON 126.85 CLNC DEL 118.55 TF

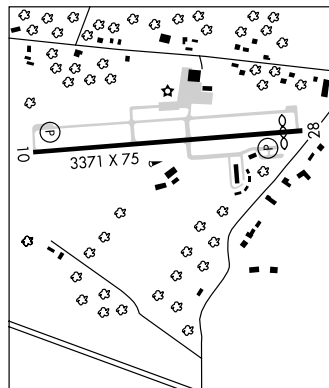
800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

(L) VORTAC 116.5 PTW Chan 112 N40°13.34'

W75°33.62' 018° 1.1 NM to fld. 290/09W.

ILS 108.3 I-PTW Rwy 28. LOC only.

**POTTSTOWN MUNI** (N47) 2 NW UTC-5(-4DT) N40°15.62' W75°40.25'

NEW YORK

256 B S4 FUEL 100LL, JET A NOTAM FILE IPT

L-30K, 34G, A

RWY 08-26: H2704X75 (ASPH) S-12 MIRL 0.4% up SW

IAP

RWY 08: REIL. PAPI(P2L). Tree.

RWY 26: REIL. VASI(V2L)—GA 3.0° TCH 20'. Tree.

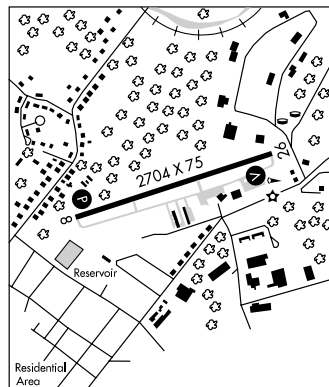
AIRPORT REMARKS: Attended 1200-0100Z±. For svc after hrs ctc 610-858-7453. Deer and seagulls on and in/ovf arpt. Rwy 08 PAPI OTS indef. ACTIVATE VASI Rwy 26; REIL Rwy 08 and Rwy 26—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8

④ PHILADELPHIA APP/DEP CON 126.85 CLNC DEL 118.55

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

(L) VORTAC 116.5 PTW Chan 112 N40°13.34'

W75°33.62' 303° 5.6 NM to fld. 290/09W.



POTTSVILLE**SCHUYLKILL CO (JOE ZERBEY)** (ZER) 8 W UTC-5(-4DT) N40°42.39' W76°22.39'**NEW YORK**

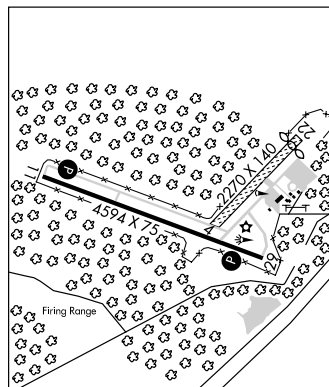
1729 B FUEL 100LL, JET A TPA-2500 (771) NOTAM FILE IPT

L-30J**RWY 11-29:** H4594X75 (ASPH) S-21 MIRL 0.5% up W**IAP****RWY 11:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**RWY 29:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**RWY 04-22:** 2270X140 (TURF)**RWY 04:** Trees. **RWY 22:** Thld dspcd 200'. Brush.

AIRPORT REMARKS: Attended Mon-Fri 1230-2200Z+. AVGAS self serve with credit card. JET A self serve with credit card. Deer on and in vicinity of arpt. Obstruction dragline 200' AGL, 5 NM Rwy 11-29. Rwy 04-22 not maintained winter months. Rwy 04-22 edge and dspcd thld marked with yellow tires, orange cones. ACTIVATE MIRL Rwy 11-29, REILS and PAPIs Rws 11 and 29—CTAF.

WEATHER DATA SOURCES: AWOS-3 127.57 (570) 544-2778.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RAVINE RCO 122.1R 114.6T (WILLIAMSPORT RADIO)****® HARRISBURG APP/DEP CON 118.25****RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20'**

W76°35.96' 059° 13.8 NM to fld. 1750/11W.

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.**PUNXSUTAWNEY MUNI** (N35) 3 NE UTC-5(-4DT) N40°58.00' W78°55.80'**DETROIT**

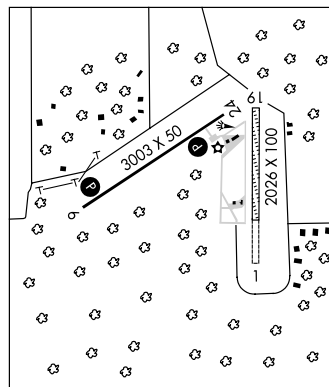
1439 B FUEL 100LL NOTAM FILE AOO

L-30J**RWY 06-24:** H3003X50 (ASPH) S-12.5 MIRL 0.9% up NE**IAP****RWY 06:** REIL. PAPI(P2L)—GA 4.0° TCH 45'. Trees.**RWY 24:** REIL. PAPI(P2L)—GA 4.0° TCH 40'. Trees.**RWY 01-19:** 2026X100 (TURF-GRVL) MIRL**RWY 01:** REIL. Trees. **RWY 19:** REIL. Road.

AIRPORT REMARKS: Attended irregularly. For fuel call 814-590-1137. Birds; deer and woodchuck on and invof arpt. PAEW adjacent to arpt. Rwy 01-19 CLOSED Nov-Apr due to inclement weather. ACTIVATE MIRL Rwy 01-19 and Rwy 06-24, PAPI Rwy 06 and Rwy 24, REIL Rwy 01, Rwy 19, Rwy 06, and Rwy 24—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0**CLEVELAND CENTER APP/DEP CON 126.72****RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78'**

W79°27.48' 120° 26.3 NM to fld. 1520/06W.



QUAKERTOWN (UKT) 2 W UTC-5(-4DT) N40°26.11' W75°22.92'
 526 B S4 FUEL 100LL, JET A TPA-1526(1000) NOTAM FILE UKT
 RWY 11-29: H3201X50 (ASPH) S-12 MIRL 0.7% up W
 RWY 11: VASI (V2L)—GA 5.1°. Trees.
 RWY 29: VASI(V2L)—GA 4.75°. Trees.

AIRPORT REMARKS: Attended 1300Z†-dusk. 100LL avbl 24 hrs
 self-serve credit card. Svc after hrs ctc 610-653-8121. Deer on
 and in/ovf arpt.

WEATHER DATA SOURCES: AWOS-3 119.475 (215) 538-7610.

COMMUNICATIONS: CTAF/UNICOM 122.725

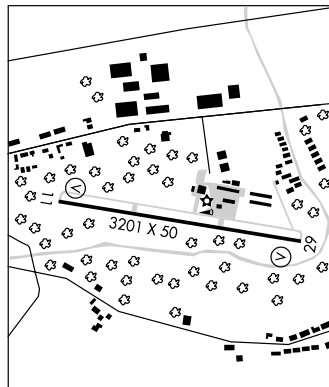
PHILADELPHIA APP/DEP CON 123.8 CLNC DEL 118.55 TF
 800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86'
 W75°41.04' 131° 16.4 NM to fld. 742/9W.

NDB (MHW) 208 UKT N40°25.49' W75°17.84' 291° 3.9 NM
 to fld. Monitored daylight hours only. Unusable byd 10 NM.

NEW YORK
 L-33A, 34G
 IAP



RAVINE N40°33.20' W76°35.96' NOTAM FILE IPT.
 (L) VORTAC 114.6 RAV Chan 93 059° 13.8 NM to Schuylkill Co. 1750/11W.
 RCD 122.1R 114.6T (WILLIAMSPORT RADIO)

NEW YORK
 H-10H, L-30J

READING RGNL/CARL A SPAATZ FLD (RDG) 3 NW UTC-5(-4DT)
 N40°22.71' W75°57.92'

NEW YORK
 H-10I, 12I, L-30K, 34G, A
 IAP, AD

344 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA-1400(1056) Class IV, ARFF Index A
 NOTAM FILE RDG

RWY 13-31: H6350X150 (ASPH-GRVD) S-75, D-200, ST-175,
 DT-400 HIRL

RWY 13: VASI(V4L)—GA 3.03°TCH 45'. Trees.

RWY 31: REIL. Trees.

RWY 18-36: H5151X150 (ASPH-GRVD) S-75, D-200, ST-175,
 DT-400 HIRL 1.0% up S

RWY 18: VASI(V4L)—GA 3°TCH 55'. Trees.

RWY 36: MALSF. Trees.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 13	18-36	5200'
RWY 18	13-31	3050'

AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ovf
 arpt. PPR 24 hrs for air carriers ops with more than 30 passenger
 seats. Call arpt manager 610-372-4666. ARFF avbl daily
 1100-0530Z†. Other times by PPR. Rwy 18-36 spalling,
 longitudinal cracks, raveling and pavement humps. Twy E is
 unavailable to air carriers. Twy E pavement in poor condition with
 surface delaminating and raveling. When twr clsd ACTIVATE HIRL Rwy 13-31, HIRL Rwy 18-36; REIL Rwy 31;
 MALSF Rwy 36 and twy lgts—CTAF. Ldg fct for turbine acft.

WEATHER DATA SOURCES: ASOS (610) 372-9863.

COMMUNICATIONS: CTAF 119.9 ATIS 127.1 UNICOM 122.95

Ⓡ READING APP/DEP CON 125.15 (1100-0500Z†)

Ⓡ HARRISBURG APP/DEP CON 124.1 (0500-1100Z†)

TOWER 119.9 (1100-0500Z†) GND CTL 121.9

AIRSPACE: CLASS D svc effective 1100-0500Z† other times CLASS E.

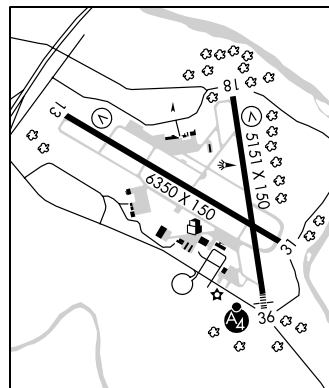
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 236° 17.7 NM to fld. 742/09W.

SHAPP NDB (LOM) 356 RD N40°18.39' W75°56.97' 001° 4.4 NM to fld.

ILS 109.5 I-RDG Rwy 36. Class IE. LOM SHAPP NDB. ILS unmonitored when twr closed.

ILS/DME 110.55 I-VXO Chan 42Y Rwy 13.



REEDSVILLE**MIFFLIN CO** (RVL) 5 NW UTC-5(-4DT) N40°40.64' W77°37.61'819 B **FUEL** 100LL, JET A NOTAM FILE IPT**RWY 06-24:** H5001X75 (ASPH) S-60 MIRL**RWY 06:** REIL. PVASI (PSIL)—GA 3.0° TCH 36'. Trees.**RWY 24:** REIL. PVASI (PSIL)—GA 3.0° TCH 37'. Trees.

AIRPORT REMARKS: Attended Apr 1-Oct 31 Mon-Fri 1300-2200Z±, Sat 1300-1700Z±. Nov 1-Mar 31 Mon-Fri 1300-2100Z±, Sat 1300-1700Z±. CLOSED Sun. Open by appointment. Phone numbers posted on the office door for after hrs calls. Glider activity during summer months. Helicopters land on apron. ACTIVATE MIRL Rwy 06-24, PVASI and REIL Rwy 06 and Rwy 24—CTAF.

WEATHER DATA SOURCES: AWOS-3 123.85 (717) 667-3993.**COMMUNICATIONS:** CTAF/UNICOM 122.7

NEW YORK CENTER APP/DEP CON 134.8

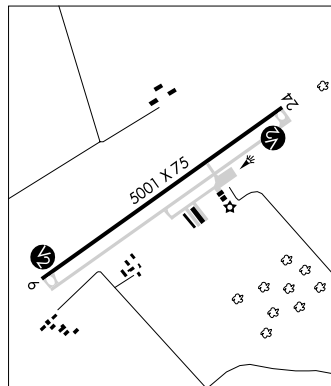
RADIO AIDS TO NAVIGATION: NOTAM FILE A00.**PHILIPSBURG (H) VORTAC** 115.5 PSB Chan 102 N40°54.98'

W77°59.56' 141° 22 NM to fld. 2440/07W.

STROH NDB (MHW/LOM) 407 RV N40°36.89' W77°43.08' 058°
5.6 NM to fld. NOTAM FILE IPT. NDB unmonitored.

ILS 109.3 I-RVL Rwy 06. LOM STROH NDB. LOC only.

LOC and LOM unmonitored. LOC unusable byd 20° either side of
course; byd 16 NM blo 4000 ft.

**DETROIT**H-10H, 121, L-30J
IAP**REIGLE FLD** (See PALMYRA)**REVLOC** N40°32.79' W78°44.82' NOTAM FILE A00.(L) **VOR/DME** 110.6 REC Chan 43 203°5.3 NM to Ebensburg. 2340/09W.

VOR portion unusable 070°-085° byd 10 NM.

RCO 122.1R 110.6T (ALTOONA RADIO)**DETROIT**

L-29D

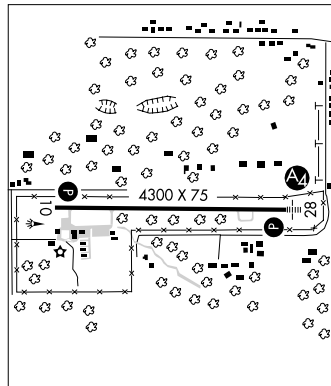
RIDGE SOARING (See UNIONVILLE)**ROCK** (See PITTSBURGH)**ROCKY HILL ULTRALIGHT** (See CRESCO)**ROSTRAVER** (See MONONGAHELA)**ST MARYS MUNI** (OYM) 3 SE UTC-5(-4DT) N41°24.75' W78°30.16'1934 B S4 **FUEL** 100LL, JET A NOTAM FILE A00**RWY 10-28:** H4300X75 (ASPH-GRVD) S-12.5 MIRL 0.7% up E.**RWY 10:** PAPI(P4L)—GA 3.0° TCH 40'. Road.**RWY 28:** MALS. PAPI(P4L)—GA 3.0° TCH 40'. Trees.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2100Z±. ACTIVATE MIRL

Rwy 10-28, PAPI Rwys 10 and 28, and MALS Rwy 28—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.05. (814) 834-9416.**COMMUNICATIONS:** CTAF/UNICOM 122.7**RCO** 121.3 (ALTOONA RADIO)**CLEVELAND CENTER APP/DEP CON** 124.325**ALTOONA FSS CLNC DEL** 121.3**RADIO AIDS TO NAVIGATION:** NOTAM FILE A00.**SLATE RUN (H) VORTAC** 113.9 SLT Chan 86 N41°30.77'

W77°58.21' 264° 25 NM to fld. 2320/08W.

ILS/DME 108.9 I-OYM Chan 26 Rwy 28. LOC only. ILS
unmonitored indef.

**DETROIT**

L-30I

IAP

ST THOMAS N39°55.99' W77°57.06' NOTAM FILE A00.(L) **VORTAC** 115.0 THS Chan 97 087° 14.4 NM to Franklin Co Rgnl. 2340/07W**RCO** 122.1R 115.0T (ALTOONA RADIO)**WASHINGTON**

H-10H, L-29D, A

SCHUYLKILL CO (JOE ZERBEY) (See POTTSVILLE)

SEAMANS FLD (See FACTORYVILLE)

SELINGSGROVE N40°47.45' W76°53.04' NOTAM FILE SEG.

NEW YORK

(L) VORTAC 110.4 SEG Chan 41 034° 2 NM to Penn Valley. 620/08W. HIWAS.

H-10H, 121, L-30J

VOR portion unusable

105°-115° byd 20 NM blo 3000'

180°-195° blo 6000'

180°-195° byd 30 NM blo 9000'

196°-200° blo 9000'

204°-209° blo 5000'

210°-230° byd 35 NM blo 2500'

250°-285° byd 10 NM blo 14000'

DME portion unusable

100°-115° byd 30 NM blo 3000'

190°-300° byd 35 NM blo 3500'

115°-170° byd 35 NM blo 2900'

RCO 122.1R 110.4T (WILLIAMSPORT RADIO)

SELINGSGROVE

PENN VALLEY (SEG) 1 N UTC-5(-4DT) N40°49.27' W76°51.85'

NEW YORK

450 B S4 FUEL 100LL, JET A NOTAM FILE SEG

L-30J

RWY 17-35: H4760X75 (ASPH) S-27 D-27 MIRL

IAP

RWY 17: REIL. Thld dsplcd 388'. Pole.

RWY 35: REIL. Thld dsplcd 250'. Trees.

AIRPORT REMARKS: Attended 1300-2300Z+. Rising terrain both sides of apch to Rwy 17. Ultralghts on and in vicinity of arpt; rgt tfc. Deer and birds on and in vicinity of arpt. Rwy 17 REIL OTS indef.

ACTIVATE MIRL Rwy 17-35; REIL Rwy 17 and 35—CTAF.

WEATHER DATA SOURCES: ASOS 123.975 (570) 374-4099. HIWAS 110.4 SEG.

COMMUNICATIONS: CTAF/UNICOM 122.7

SELINGSGROVE RCO 122.1R 110.4T (WILLIAMSPORT RADIO)

® HARRISBURG APP/DEP CON 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINGSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45'

W76°53.04' 034° 2 NM to fld. 620/08W. HIWAS.

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.



SEVEN SPRINGS BOROUGH

SEVEN SPRINGS (7SP) 1 SW UTC-5(-4DT) N40°00.60' W79°19.31'

DETROIT

2907 B NOTAM FILE AOO

L-29C

RWY 10-28: H3045X42 (ASPH) MIRL 1.1% up W

IAP

RWY 10: Trees.

RWY 28: Trees.

AIRPORT REMARKS: Unattended. Airport CLOSED approximately Dec 1 thru Apr 15. Check NOTAMS for exact dates. No snow removal.

ACTIVATE MIRL Rwy 10-28—CTAF. Arpt surrounded by trees, higher terrain with trees located approximately 302 ft in from Rwy 28 thld and 433 ft north.

COMMUNICATIONS: CTAF 122.9

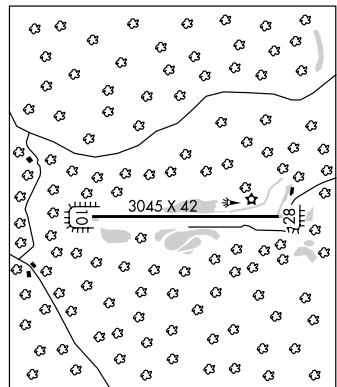
INDIAN HEAD RCO 122.1R 108.2T (ALTOONA RADIO)

® CLEVELAND CENTER APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45'

W79°21.50' 044° 2.7 NM to fld. 2820/06W.



SHAMOKIN**NORTHUMBERLAND CO** (N79) 3 N UTC-5(-4DT) N40°50.22' W76°33.15'NEW YORK
L-30J
IAP

881 B S4 FUEL 100LL, JET A NOTAM FILE IPT

RWY 08-26: H3297X75 (ASPH) S-12.5 MIRL 0.9% up NE

RWY 08: REIL: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 26: REIL: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended on Mon-Fri 1300-2300Z†, Sat-Sun on call. ACTIVATE MIRL Rwy 08-26 and PAPI Rwy 08 and 26-121.8.

WEATHER DATA SOURCES: AWOS-3 119.175 (570) 672-0389.

COMMUNICATIONS: CTAF/UNICOM 122.8

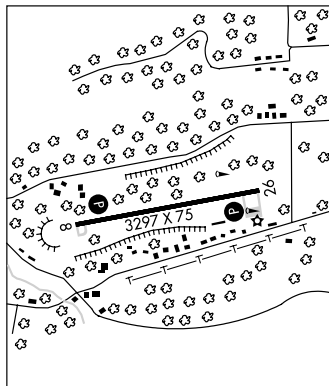
® HARRISBURG APP/DEP CON 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45'

W76°53.04' 088° 15.4 NM to fld. 620/08W. HIWAS.

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.

**SHAPP** N40°18.39' W75°56.97' NOTAM FILE RDG.

NDB (LOM) 356 RD 001° 4.4 NM to Reading Rgnl/Carl A Spaatz Fld.

SHIPPENSBURG (N42) 3 NE UTC-5(-4DT) N40°03.51' W77°27.73'

DETROIT

760 NOTAM FILE IPT

RWY 07-25: 2300X170 (TURF)

RWY 07: Thld dsplcd 535'. Brush.

RWY 25: Thld dsplcd 595'. Brush.

AIRPORT REMARKS: Unattended. Rwy 07 and 25 dsplcd thlds marked with white barrels. Rwy 07-25 ends and edges marked with yellow barrels.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.

SHOESTRING AVIATION AIRFIELD (See STEWARTSTOWN)**SKYHAVEN** (See TUNKHANNOCK)**SLATE RUN** N41°30.77' W77°58.21' NOTAM FILE A00.DETROIT
H-10H, L-30I

(H) VORTAC 113.9 SLT Chan 86 264° 25 NM to St. Marys Muni. 2320/08W.

RC0 122.1R 113.9T (ALTOONA RADIO)

SLATINGTON (69N) 1 N UTC-5(-4DT) N40°45.82' W75°36.29'

NEW YORK

380 B S4 FUEL 100LL, JET A NOTAM FILE IPT

RWY 01-19: H2455X50 (ASPH) LIRL (NSTD)

RWY 01: Thld dsplcd 352'. Trees.

RWY 19: Trees.

AIRPORT REMARKS: Attended Mon-Sat daylight hours. +977 ft hill 7700 ft from Rwy 19 thld. ACTIVATE LIRL Rwy 01-19 and rotating beacon—CTAF. Rwy 01-19 NSTD LIRL located 10 and 20 ft outboard from rwy edges respectively.

NSTD thld lgts located outboard from rwy edges; 3 lgts each side.

COMMUNICATIONS: CTAF/UNICOM 122.8

SMOKETOWN (S37) 0 N UTC-5(-4DT) N40°02.50' W76°12.08'

NEW YORK

370 B S4 FUEL 100LL NOTAM FILE IPT

RWY 10-28: H2400X50 (ASPH) S-12.5, D-12.5 LIRL

RWY 10: Thld dsplcd 167'. Tree.

RWY 28: Thld dsplcd 110'.

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z†, Sun 1800-2200Z†.

COMMUNICATIONS: CTAF/UNICOM 123.05

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.

SOMERSET CO (2G9) 3 NE UTC-5(-4DT) N40°02.33' W79°00.90'

2275 B S2 FUEL 100LL, JET A NOTAM FILE AOO

RWY 07-25: H5002X75 (ASPH) S-18 MRL 1.5% up SW

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 56'. Trees.

RWY 25: REIL. PVASI(PSIL)—GA 3.0° TCH 50'. Trees.

RWY 14-32: 2695X204 (TURF-ASPH) 0.7% up SE

RWY 14: Thld dsplcd 295'. Road.

RWY 32: Trees.

AIRPORT REMARKS: Attended 1300-2200Z†. Arpt unattended New

Years Day, Easter, Thanksgiving and Christmas Day. 24 hr

self-service fueling avbl. Single-point refueling avbl on req. Rwy

14-32 CLOSED Dec 1-Apr 15. Check NOTAMS. Rwy 14-32 570'

by 60' asph at intersection with Rwy 07-25 and parallel twy. Rwy

14-32 marked with wooden boundary markers. Rwy 14 dsplcd thld

marked with yellow wooden boundary markers. MRL Rwy 07-25,

PAPI Rwy 07 and PVASI Rwy 25 operate dusk-0500Z†, after

0500Z† and during dalgt hrs ACTIVATE rwy lgts and PVASI—CTAF.

ACTIVATE REIL Rwy 07 and Rwy 25 dusk-dawn—CTAF.

WEATHER DATA SOURCES: AWOS-3 133.8 (814) 443-2114.

COMMUNICATIONS: CTAF/UNICOM 122.8

INDIAN HEAD RCO 122.1R 108.2T (ALTOONA RADIO)

CLEVELAND CENTER APP/DEP CON 124.4

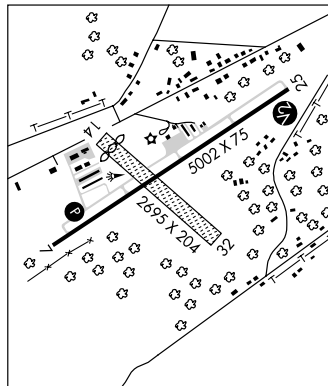
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45' W79°21.50' 082° 16.3 NM to fld. 2820/06W.

STOYSTOWN NDB (MHW) 209 SYS N40°05.14' W78°54.99' 246° 5.3 NM to fld. NOTAM FILE AOO.

Unusable 090°-150° byd 20 NM.

ILS 108.7 I-SOZ Rwy 25. LOC unusable byd 18° left and right of course.

DETROIT
H-10H, L-29D
IAP**SOUTHERN ADAMS CO HELIPORT** (See GETTYSBURG)**SPRING HILL** (See STERLING)**STATE COLLEGE****UNIVERSITY PARK** (UNV) 3 N UTC-5(-4DT) N40°50.96' W77°50.92'

1239 B S3 FUEL 100LL, JET A OX 4 TPA—(See Remarks)

Class I, ARFF Index B. H-10H, 12I, L-30I

NOTAM FILE UNV

RWY 06-24: H6701X150 (ASPH-GRVD) S-50, D-110,

ST-139 HIRL 0.6% up SW

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Rgt tfc.

RWY 24: MALSR (Unmonitored). PAPI(P4R)—GA 3.0° TCH 54'. Tree.

AIRPORT REMARKS: Attended continuously. Intensive student training

2.5 NM NE at Bellefonte arpt. Glider activity during dalgt hrs, all

alt, within 10 NM, all directions, especially along ridge 2 NM west

and north of arpt. Acft on either end Rwy 06-24 cannot be seen

on other end due to rwy grade. Rwy 06-24 grvd portion of rwy

center 80'. PPR 24 hours for unscheduled air carrier ops with

more than 30 passenger seats call arpt manager 814-865-5511.

TPA 2200(961) single engine acft, 2700(1461) multi engine acft.

ACTIVATE HIRL Rwy 06-24, REIL Rwy 06, MALSR Rwy 24 and twy

lgts—CTAF. Deicing equipment avbl on deicing apron adjacent to

Twy B between Twy C and Twy D. Twy J northwest of Twy A rstd to

acft less than 12,500 lbs. . Ldg fee for all multi engine acft and

helicopters.

WEATHER DATA SOURCES: AWOS-3 127.65 (814) 865-8799 SAWRS

COMMUNICATIONS: CTAF/UNICOM 122.8

NEW YORK CENTER APP/DEP CON 134.8 CLNC DEL 118.55

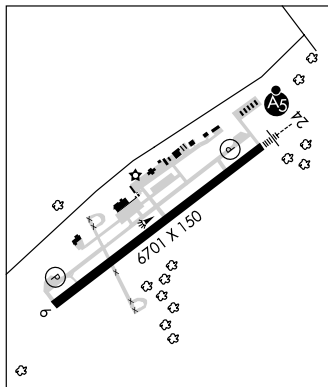
AIRSPACE: CLASS E svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 131° 7.7 NM to fld. 2440/10W.

PENUE NDB (LOM) 388 UN N40°54.62' W77°44.51' 242° 6.1 NM to fld. NOTAM FILE UNV.

ILS 111.7 I-UNV Rwy 24. Class IE. LOM PENUE NDB. ILS unmonitored 0430-1100Z†.

DETROIT
H-10H, 12I, L-30I
IAP

STERLING**SPRING HILL** (70N) 1 NW UTC-5(-4DT) N41°20.84' W75°24.95'**NEW YORK**

1729 B FUEL 100LL NOTAM FILE IPT

L-30K, 33A, 34H

RWY 05-23: H2478X42 (ASPH) S-10 LIRL 2.4% up SW

IAP

RWY 05: Thld dsplcd 400'. Hill. **RWY 23:** Trees.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2200Z+. For svc after hrs call 570-242-5771. Rwy 05 CLOSED Idg SS-SR. Deer on and invof arpt. Winter months call for rwy conditions. ACTIVATE LIRL Rwy 05-23 and rotating bcn-CTAF.**COMMUNICATIONS:** CTAF 122.9

® WILKES-BARRE APP/DEP CON 126.3

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.**LAKE HENRY (L) VORTACW** 110.8 LHY Chan 45 N41°28.55' W75°28.96' 169° 8.3 NM to fld. 2320/10W.**STEWARTSTOWN****SHOESTRING AVIATION AIRFIELD** (0P2) 3 NW UTC-5(-4DT) N39°47.69' W76°38.83'**WASHINGTON**

1000 S4 NOTAM FILE IPT

RWY 15-33 1000X100 (TURF)**RWY 15:** Thld dsplcd 200'. Tree. Rgt tfc. **RWY 33:** Thld dsplcd 500'. Tree.**RWY 06-24 ULTRALIGHT:** 1000X100 (TURF)**RWY 06:** ULTRALIGHT: Trees. **RWY 24 ULTRALIGHT:** Thld dsplcd 183'. Rgt tfc.**AIRPORT REMARKS:** Attended irregularly. Extensive ultralgt activity on and invof arpt. Ultralghts must use Rwy 06U-24U.

Major airframe and powerplant repair for light sport acft only. Rwy 33 nstd dsplcd thld marked with one white patio block each side. Dsplcd thlds marked with one white paver each side.

COMMUNICATIONS: CTAF 122.9**STONYFORK** N41°41.72' W77°25.19' NOTAM FILE IPT.**DETROIT**

(L) VOR/DME 108.6 SFK Chan 23 036° 2.2 NM to Wellsboro Johnston. 1985/08W.

H-10H, L-30J

RC0 122.1R 108.6T (WILLIAMSPORT RADIO)**STOTTLE MEM HELIPORT** (See HONEY GROVE)**STOYSTOWN** N40°05.14' W78°54.99' NOTAM FILE AOO.**DETROIT****NDB (MHW)** 209 SYS 246° 5.3 NM to Somerset Co. Unusable 090°-150°beyond 20 NM.

L-29D

STROH N40°36.89' W77°43.08' NOTAM FILE IPT.**DETROIT****NDB (MHW/LOM)** 407 RV 058° 5.6 NM to Mifflin Co.

L-30J

NDB unmonitored.**STROUDSBURG-POCONO** (See EAST STROUDSBURG)**SUNBURY****SUNBURY** (71N) 2 NE UTC-5(-4DT) N40°53.51' W76°46.73'**NEW YORK**

450 S2 NOTAM FILE IPT

RWY 05-23: 3250X250 (TURF)**RWY 05:** Thld dsplcd 1050'. Trees. **RWY 23:** Tree.**AIRPORT REMARKS:** Attended irregularly. Glider ops on and in vicinity of arpt. Mountain 560 ft AGL .5 miles east apch end Rwy 23. Treeline borders south end. Rwy 05-23 outlined with white patio blocks.**COMMUNICATIONS:** CTAF 122.9**SUNBURY SPB** (H11) 3 NE UTC-5(-4DT) N40°54.79' W76°43.98'**NEW YORK**

430 S2 FUEL 100LL NOTAM FILE IPT

WATERWAY 07-25: 5000X250 (WATER)**WATERWAY 25:** Rgt tfc.**SEAPLANE REMARKS:** Attended Jun-Aug irregularly dalgt hrs. Rwy 07-25 -ridge line of 850 ft MSL running parallel to rwy on S side.**COMMUNICATIONS:** CTAF 122.9**TIDIOUTE** N41°42.78' W79°25.04' NOTAM FILE AOO.**DETROIT**

(L) VORTAC 117.6 TDT Chan 123 256° 15.9 NM to Titusville. 1710/09W.

L-30H

DME unusable 041°-051° byd 30 NM blo 4000'; 305°-340° byd 24 NM blo 3500'; 340°-005° byd 24 NM blo 5000'.

RC0 122.1R 117.6T (ALTOONA RADIO)

TITUSVILLE (6G1) 3 W UTC-5(-4DT) N41°36.53' W79°44.48'

1600 B S2 FUEL 100LL, JET A NOTAM FILE A00

RWY 18-36: H4902X75 (ASPH) S-12.5 MIRL 1.3% up N

RWY 18: Trees.

RWY 36: Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†. For fuel after hrs call 814-827-7664, 814-827-8795, 814-827-9157. Birds and deer on and in/ov arpt. Ultralights on and in/ov arpt. Radio controlled acft in/ov arpt. Gyro ops in/ov arpt last Sat every month. ACTIVATE MIRL Rwy 18-36—CTAF. Landing fee. Landing fee for business twins and helicopters waived for fuel purchase.

COMMUNICATIONS: CTAF 122.9

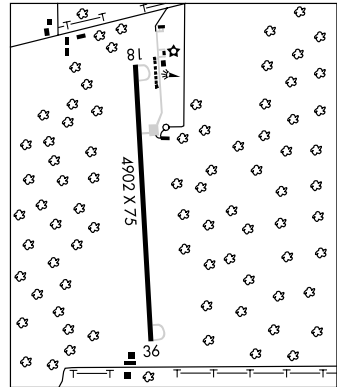
® **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z†)

CLEVELAND CENTER APP/DEP CON 132.4 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE A00.

TIDIOUTE (L) VORTAC 117.6 TDT Chan 123 N41°42.78' W79°25.04' 256° 15.9 NM to fld. 1710/09W.

FRANKLIN (L) VOR 109.6 FKL N41°26.32' W79°51.41' 033° 11.5 NM to fld. NOTAM FILE FKL. HIWAS.



DETROIT
L-30H
IAP

TOTAL RF HELIPORT (See BENSEALEM)

TOUGHKENAMON NEW GARDEN

(N57) 1 W UTC-5(-4DT) N39°49.83' W75°46.19'

436 B S4 FUEL 80, 100LL NOTAM FILE IPT

RWY 06-24: H3695X50 (ASPH) LIRL (NSTD)

RWY 06: Trees.

RWY 24: Building.

AIRPORT REMARKS: Attended 1300-2200Z†. For assistance after hrs ctc 610-444-0186. Landing fee. No landing fee, if fuel is purchased. Glider ops weekends. Wide ldg gear acft exit rwy at east end. Turn around avbl on west end. No take off from turf surface. Rwy 06-24 turf surface on rwy ends for glider recovery only. Rwy 06 noise abatement climb to 1200' MSL before turning crosswind. Rwy 06-24 NSTD LIRL due to placement—not centered on rwy surface. Rwy closest to lgts on northwest side. Rwy end lgts outboard from edges.

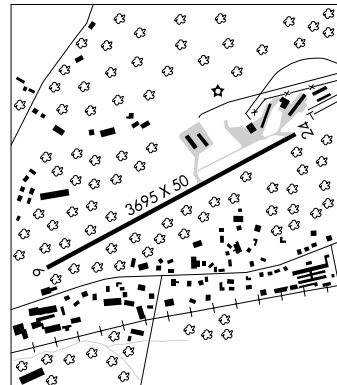
COMMUNICATIONS: CTAF/UNICOM 123.05

MODENA RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

® **PHILADELPHIA APP/DEP CON** 124.35 **CLNC DEL** 125.6 TF 800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08' W75°40.25' 230° 7.0 NM to fld. 474/09W. HIWAS.



WASHINGTON
L-34G, A
IAP

TOWANDA**BRADFORD CO** (N27) 2 S UTC-5(-4DT) N41°44.40' W76°26.83'

NEW YORK

730 B S4 FUEL 100LL, JET A OX 4 NOTAM FILE IPT

L-30J

RWY 05-23: H4300X75 (ASPH) S-12 HIRL 0.4% up SW.

IAP

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 41'. Trees.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 37'. Trees.

AIRPORT REMARKS: Attended 1300-2300Z†. For svc after hrs call 570-265-2629 or cell 607-857-3025. Ultralight activity on and invof. ACTIVATE HIRL Rwy 05-23, REIL Rwys 05 and 23 —123.0.

COMMUNICATIONS: CTAF/UNICOM 123.0

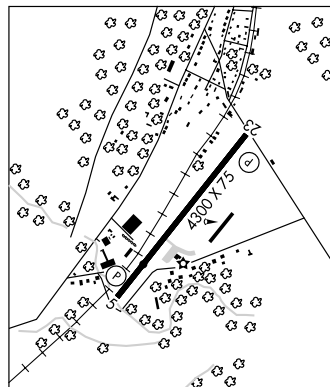
BINGHAMTON APP/DEP CON 118.6 (1100-0500Z‡)

NEW YORK CENTER APP/DEP CON 132.175 (0500-1100Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BINGHAMTON (L) VORTAC 112.2 CFB Chan 59 N42°09.45'

W76°08.19' 219° 28.6 NM to fld. 1583/10W.

**TOWER CITY****BENDIGO** (74N) 2 S UTC-5(-4DT) N40°33.51' W76°33.57'

NEW YORK

791 B NOTAM FILE IPT

L-30J

RWY 05-23: H2325X60 (ASPH-CONC) S-12.5 HIRL

IAP

RWY 05: Trees.

RWY 23: VASI(V2R)—GA 3.0 TCH 25'. Thld dsplcd 196'. Tree.

AIRPORT REMARKS: Unattended. For attendance on call phone 717-647-7367. Arpt may be clsd to transient acft Dec-Apr. Check NOTAMS and call 610-413-7428 for arpt conditions. ACTIVATE HIRL Rwy 05-23—CTAF.

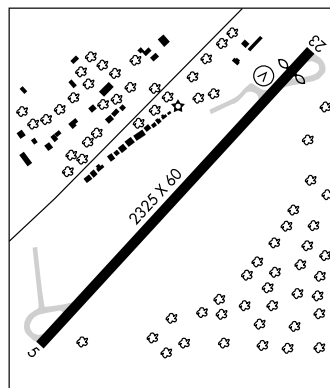
COMMUNICATIONS: CTAF 122.9

Ⓡ HARRISBURG APP/DEP CON 126.45

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20'

W76°35.96' 091° 1.8 NM to fld. 1150/11W.

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800-932-0712.**TUNKHANNOCK****SKYHAVEN** (76N) 1 S UTC-5(-4DT) N41°31.75' W75°56.81'

NEW YORK

639 S4 FUEL 100LL TPA-1600(961) NOTAM FILE IPT

RWY 01-19: H2007X50 (ASPH) S-12.5

RWY 01: Thld dsplcd 225'. Tree.

RWY 19: Thld dsplcd 438'. Pole.

AIRPORT REMARKS: Attended 1300Z†-dusk. Parachute Jumping. For service after hrs phone 570-836-3884 or 570-237-6374.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WILKES-BARRE APP/DEP CON 124.5

TYRONE N40°44.11' W78°19.88' NOTAM FILE AOO.

DETROIT

(L) VORTAC 114.9 TON Chan 96 058° 14.3 NM to Mid-State. 2630/07W.

L-30I

RCO 122.1R 114.9T (ALTOONA RADIO)

UNIONVILLE**RIDGE SOARING** (79N) 2 SW UTC-5(-4DT) N40°53.04' W77°54.43'

DETROIT

815 FUEL 100LL NOTAM FILE AOO

RWY 07-25: 3322X150 (ASPH-TURF)

RWY 07: Thld dsplcd 725'. Tree.

RWY 25: Thld dsplcd 470'. Trees.

AIRPORT REMARKS: Attended Mar-Nov 1400-2200Z. Designated gliderport. Ditch borders rwy edges both sides 1738 ft inbound from Rwy 25. W end Rwy 07-25 1367 ft by 100 ft turf; east end rwy 345 ft by 100 ft turf; center portion contains asph/grvl strip 1953 ft by 20 ft. Rwy 07-25 ends and sides marked with pink foam markers; dsplcd thld marked with recessed pink foam markers perpendicular to other rwy. Rwy 07-25 centerline runs along south edge of paved strip.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Communications with arpt avbl on 123.3 Aviation Instructional frequency.**UNIVERSITY PARK** (See STATE COLLEGE)**VANSANT** (See ERWINNA)**VENANGO RGNL** (See FRANKLIN)**WASHINGTON CO** (AFJ) 3 SW UTC-5(-4DT) N40°08.19' W80°17.41'

DETROIT

1184 S4 FUEL 100LL, JET A OX 1,3 NOTAM FILE AFJ

H-10H, 12H, L-29C

RWY 09-27: H5000X100 (ASPH) S-40, D-60, DT-90 HIRL

IAP

RWY 09: Trees.

RWY 27: REIL. Hill.

AIRPORT REMARKS: Attended 1100-0200Z. Deer and turkey on and invof rwy. 185' hill/trees 3209' from thld Rwy 09. 282' hill/trees 6978' from thld Rwy 27. HIRL Rwy 09-27 and REIL Rwy 27 opr dusk-0200Z; after 0200Z ACTIVATE-CTAF. VASI Rwys 09 and 27 opr 24 hrs. Rwy 27 VASI restricted to category A and B acft only.

WEATHER DATA SOURCES: AWOS-3 119.175 (724) 228-3529.**COMMUNICATIONS:** CTAF/UNICOM 122.8

⑧ PITTSBURGH APP/DEP CON 119.35 CLNC DEL 127.3

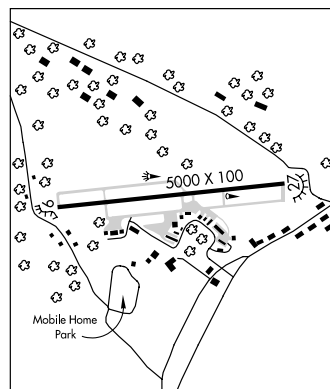
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.**ALLEGHENY (L) VOR/DME** 110.0 AGC Chan 37 N40°16.72'

W80°02.45' 242° 14.3 NM to fld. 1290/09W. HIWAS.

WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.59'

W80°34.12' 127° 14.8 NM to fld. 1269/07W. NOTAM FILE

HLG.

ILS/DME 110.3 I-AFJ Chan 40 Rwy 27. (LOC only).**WATTSBURG****ERIE CO** (3G1) 3 NW UTC-5(-4DT) N42°02.67' W79°51.24'

DETROIT

1450 FUEL 80 NOTAM FILE AOO

L-30H

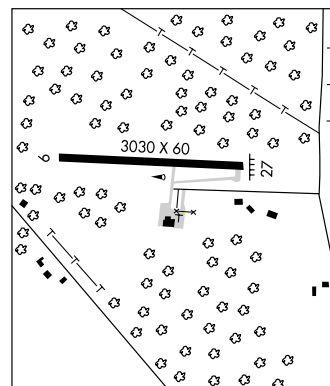
RWY 09-27: H3030X60 (ASPH) S-12.5

RWY 09: Trees.

AIRPORT REMARKS: Unattended. Groundskeeper on station, no svcs. Small birds and deer on and invof rwy. For arpt conditions 25 Dec-31 Mar ctc arpt manager 814-739-2456.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE ERI.**ERIE (L) VORTAC** 109.4 ERI Chan 31 N42°01.04'

W80°17.56' 091° 19.7 NM to fld. 800/06W.



WAYNESBURG**GREENE CO** (WAY) 2 E UTC-5(-4DT) N39°54.07' W80°07.84'

CINCINNATI

1069 B S4 FUEL 100LL NOTAM FILE AOO

L-29C

RWY 09-27: H3500X75 (ASPH) S-12 MIRL

IAP

RWY 09: Trees. RWY 27: VASI(V4R)—GA 4.0° TCH 28'. Trees.

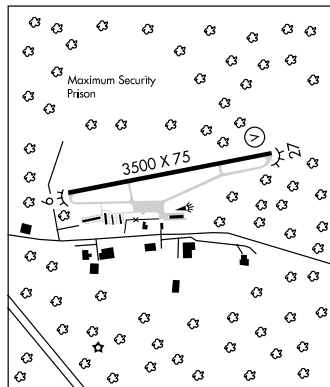
AIRPORT REMARKS: Attended Mon-Fri 1330Z-2130Z, Sat-Sun 1400-2200. For svc after hrs ctc 724-627-8357, 724-998-3879 or 724-852-1553. Ground drops off sharply east end Rwy 09-27. Deer and birds on and invof rwy.

COMMUNICATIONS: CTAF/UNICOM 122.8

® CLEVELAND CENTER APP/DEP CON 126.95

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72' W80°02.45' 199° 23.0 NM to fld. 1290/09W. HIWAS.

**WELLSBORO****WELLSBORO JOHNSTON** (N38) 4 SW UTC-5(-4DT) N41°43.67' W77°23.79'

DETROIT

1892 B FUEL 100LL NOTAM FILE IPT

L-30J

RWY 10-28: H3597X60 (ASPH) MIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees. RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1500-2200Z. Bcn ops dusk-0700Z. ACTIVATE MIRL Rwy 10-28, REIL Rwy 10 and 28 and rotating bcn after 0700Z—CTAF. REIL Rwy 10 OTS indef. REIL Rwy 28 OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

® ELMIRA APP/DEP CON 119.45 (1100-0500Z)

® NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

STONYFORK (L) VOR/DME 108.6 SFK Chan 23 N41°41.72' W77°25.19' 036° 2.2 NM to fld. 1985/08W.

WELLSVILLE**KAMPEL** (2N5) 2 W UTC-5(-4DT) N40°02.91' W76°58.68'

NEW YORK

610 S1 FUEL 100LL NOTAM FILE IPT

RWY 05-23: 2500X100 (TURF)

RWY 05: Tank. RWY 23: Thld dsplcd 300'. Trees.

AIRPORT REMARKS: Attended Apr-Nov Mon-Sat 1300-2200Z. Arpt CLOSED to transient acft Dec-Mar. Rwy 05-23 marked with yellow cones. Rwy 23 dsplcd thlds marked with 2 yellow cones each side of rwy.

COMMUNICATIONS: CTAF 122.9**COMM/NAV/WEATHER REMARKS:** For pickup clearance TF 800-932-0712.

WEST CHESTER

BRANDYWINE (OQN) 3 NE UTC-5(-4DT) N39°59.41' W75°34.92'
 466 B S6 FUEL 100LL, JET A TPA-1501(1035) NOTAM FILE IPT
 RWY 09-27: H3347X50 (ASPH) S-10 LIRL

RWY 09: Thld dsplcd 125'. Trees. Rgt tfc.

RWY 27: PAPI(P2L)—GA 3.0° TCH 15'. Thld dsplcd 250'. Trees.

AIRPORT REMARKS: Attended 1300-2200Z+. For svc after hrs ctc
 484-832-3476. Birds and deer on and infov arpt. Tfc departing
 Rwy 27 turn right 10° until reaching 1200' MSL to avoid mansion
 left and homes right. ACTIVATE rotating bcn—CTAF. ACTIVATE LIRL
 Rwy 09-27, PAPI Rwy 27—CTAF. Ldg fee commercial ops only.

WEATHER DATA SOURCES: AWOS-3 121.4 (610) 692-6190.

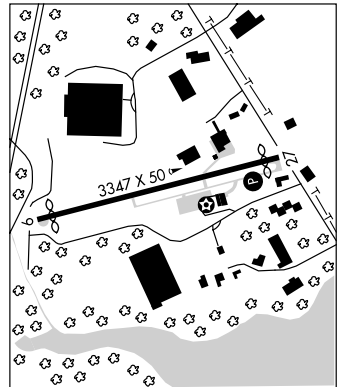
COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **PHILADELPHIA APP/DEP CON** 124.35 **CLNC DEL** 125.6 TF
 800-354-9884

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) VORTAC 113.2 **MXE** Chan 79 N39°55.08'
 W75°40.25' 052° 6.0 NM to fld. 474/09W. **HIWAS**.

WASHINGTON
 L-346, A
 IAP



WILKES-BARRE N41°16.37' W75°41.37' NOTAM FILE AVP.

(L) **VORTAC** 111.6 **LVZ** Chan 53 349° 4.2 NM to Wilkes-Barre/Scranton Intl.
 2120/10W.

VOR portion unusable 290°-305° byd 15 NM blo 6000'.

RCO 122.6 122.2 (LEESBURG RADIO)

NEW YORK

H-101, 12J, L-30K, 33A, 34H

WILLIAM T. PIPER MEMORIAL (See LOCK HAVEN)
WILLIAMSBURG**COVE VALLEY** (6G6) 2 W UTC-5(-4DT) N40°27.27' W78°14.28'

DETROIT

1156 S4 NOTAM FILE A00

RWY 04-22: 2750X100 (TURF)**RWY 04:** Thld dsplcd 285'. Road. Rgt tfc.**RWY 22:** Thld dsplcd 286'. Brush.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z±, Sat-Sun irregularly. Occasionally farm vehicles transverse area near apch end of Rwy 04. Arpt safety briefing required before ldg 814-832-2694. Deer on and invof arpt. Turf soft during spring and after rains; no ops when rwy is soft or snow covered. Rwy 04-22 marked with white boundary markers. Rwy 04-22 dsplcd thlds marked with blue contrasting boundary markers.

COMMUNICATIONS: CTAF 122.9**WILLIAMSPORT RGNL** (IPT) 4 E UTC-5(-4DT) N41°14.51' W76°55.27'

NEW YORK

529 B S4 FUEL 100LL, JET A OX 1 Class I, ARFF Index A NOTAM FILE IPT

H-10H, 12I, L-30J

RWY 09-27: H6474X150 (ASPH-GRVD) S-65, D-100, ST-127, DT-190 HIRL

IAP, AD

RWY 09: Trees.**RWY 27:** MALSR. Railroad. Rgt tfc.**RWY 12-30:** H4280X150 (ASPH) S-200, D-200, ST-175, DT-400 MIRL**RWY 12:** PAPI(P2L)—GA 3.75° TCH 45'.**RWY 30:** PAPI(P2L)—GA 4.0° TCH 41'. Rgt tfc.

AIRPORT REMARKS: Attended 1130-0330Z±. After hours by prior coordination call 570-368-2651. Fuel and svcs avbl 1030-0300Z±, after hrs by prior coordination call 570-368-2651. Arpt CLOSED to banner towing ops. Twy J CLOSED to acft with wing span over 78 ft. PPR 12 hours for unscheduled air carrier ops with more than 30 passenger seats 0400-1100Z± daily call arpt manager 570-368-2444 or 570-368-2446. Rwy 30 PAPI unusable byd 7° left side of course. Birds on and invof arpt especially AER 27. Unlighted crane 90' AGL .5 miles southeast AER 30 permanently. When twr closed ACTIVATE MALSR Rwy 27, HIRL Rwy 09-27, and twy lgts—CTAF; MIRL Rwy 12-30 off. For landside access from arpt after hrs use computerized gate system at east end or FBO apron. Ldg fee.

WEATHER DATA SOURCES: ASOS 125.225 (570) 368-3420.**COMMUNICATIONS:** CTAF 119.1 UNICOM 122.95

RCO 122.65 122.2 (WILLIAMSPORT RADIO)

RCO 122.1R 114.4T (WILLIAMSPORT RADIO)

® NEW YORK CENTER APP/DEP CON 124.9

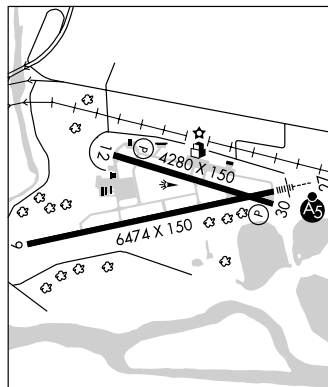
TOWER 119.1 (1130-0330Z±) GND CON 121.9

AIRSPACE: CLASS D svc 1130-0330Z± other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.

(L) VOR/DME 114.4 FQM Chan 91 N41°20.31' W76°46.49' 238° 8.8 NM to fld. 2090/09W.

PICTURE ROCKS NDB (MHW) 344 PIX N41°16.61' W76°42.61' 267° 9.8 NM to fld.

ILS 110.1 I-IPT Rwy 27. Middle marker unmonitored. LOC unusable 1 NM to AER abv 2200 ft. LOC unusable byd 30° left of course.

COMM/NAV/WEATHER REMARKS: When twr clsd New York Center provides clnc del on 124.9.

WILLOW GROVE NAS JRB (NXX)(KNXX) N (AR ANG) 4 NW UTC-5(-4DT)

NEW YORK

N40°11.99' W75°08.89'

H-101, 121, L-346, A

358 B TPA—See Remarks NOTAM FILE PNE Not insp.

DIAP, AD

RWY 15-33: H8002X200 (PEM) PCN 50 R/C/W/T HIRL CL**RWY 15:** ALSF1. VASI(V4R). Rgt tfc. 0.8% up. **RWY 33:** MALSF. PAPI(P4R). 0.8% down.**MILITARY SERVICE:** LGT Opr SS-0400Z†. **JASU** 9(GTC-85) 12(NC-8) 2(MA-1A) Ltd F4 starting capability. **FUEL** J8.No fuel avbl 0400-1200Z† daily. Priority fueling established for Reserve training Fri-Sun. **FLUID** SP PRESAIR;**LOX** 24 hr prior notice required 2100-1200Z†. **OIL** O-133-156 **TRAN ALERT** Ltd tran svc avbl during normal opr hrs. No hangar space. No fleet svc avbl.

MILITARY REMARKS: Opr 1200-0400Z†. See FLIP AP/1, Supplementary Arpt Remarks. **RSTD** PPR 24 hr prior notice from Navy Transient Line for all transient acft DSN 991-6215, C215-443-6215. In addition to the PPR, acft requiring parking on National Guard ramp contact 111th FighterWing Operations at DSN 991-1511. **CAUTION** Numerous civil acft opr to/from 2 civil arpts and 6 heliports within the Class D Airspace. Simultaneous helicopter opr conducted W of Rwy 15-33 at and blo 1200'. Bird hazard spring and fall. Tran heavy jet practice apch restricted. **TFC** PAT TPA—Overhead pattern 1900(1542). **NS ABTMT** Fixed wing acft climb rwy heading to 2000' prior to any turns. **MISC** Tran acft requiring multiple apchs restricted to Mon-Sat 1300-0200Z†; Sun 1700-0200Z†. Arpt subject to no notice closure. Wx observation svc opr hr. **ANG** Tran acft to ANG ctc DSN 991-1511, C215-443-1511.

COMMUNICATIONS: ATIS 275.6**(R) PHILADELPHIA APP/DEP CON** 123.8 291.7 325.2X**TOWER** 119.6 340.2 (1200-0400Z†) **GND CON** 118.45 380.8 **CLNC DEL** 118.45 380.8 **PMSV METRO** 344.6(Opr 24 hrs) **ANG OPS** 343.0 46.85 **BASE OPS** 306.8 **AR** 143.02 226.5 34.55**AIRSPACE:** CLASS D svc 1200-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PNE.(T) **TACAN** Chan 61 NXX (133.4) N40°11.67' W75°08.78' at fld. 357/10W. **TACAN** opr and monitored 1200-0400Z†.**TACAN** unusable:

010-030° at and blo 4,500' byd 15 NM

260°-280° at and blo 4,500' byd 15 NM

070°-090° at and blo 4,500' byd 15 NM

NDB (MHW) 388 NXX N40°11.35' W75°08.73' at fld. **NDB** opr and monitored 1200-0400Z†.**ASR/PAR** No-NOTAM PAR MP Mon 1300-2100Z†.**COMM/NAV/WEATHER REMARKS:** Radar see Terminal FLIP for Radar Minima.**WINGS FLD** (See PHILADELPHIA)**W.P.H.S. HELIPORT** (See MOUNT PLEASANT)**YARDLEY** N40°15.20' W74°54.46' NOTAM FILE IPT.

NEW YORK

(L) **VOR/DME** 108.2 ARD Chan 19 082° 4.5 NM to Trenton Mercer, NJ. 300/10W.

H-101, L-346, A

VOR portion unusable:

178° byd 5 NM

265°-280° byd 10 NM

230°-238° byd 8 NM blo 3000'

280°-300° byd 17 NM blo 3000'

250°-265° byd 17 NM blo 2500'

300°-353° byd 35 NM blo 3000'

DME portion unusable:

178° byd 5 NM

225°-275° byd 30 NM blo 5000'

225°-275° byd 15 NM blo 2400'

230°-238° byd 8 NM blo 3000'

YORK (THV) 7 SW UTC-5(-4DT) N39°55.02' W76°52.38'

495 B S4 FUEL 100LL, JET A OX 3 NOTAM FILE THV

RWY 17-35: H5188X100 (ASPH) S-20, D-20, DT-20 MIRL 0.4% up SE.

RWY 17: REIL. PAPI(P4L)—GA 4.5° TCH 20'. Thld dsplcd 794'. Pole.

RWY 35: REIL. PAPI(P4L)—GA 3.75° TCH 23'. Thld dsplcd 739'.

Pole.

AIRPORT REMARKS: Attended May-Sep 1100-0100Z†, Oct-Apr 1200-2300Z†. Twy clsd to acft with wingspan over 60'. Rwy 35 lgt'd obstruction pole within 60' of controlling obstruction. Ldg fee.

WEATHER DATA SOURCES: ASOS 119.275 (717) 792-5529.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **HARRISBURG APP/DEP CON.** 124.1 **CLNC DEL** 121.65

RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.

HARRISBURG (L) VORTAC 112.5 **HAR** Chan 72 N40°18.13'

W77°04.17' 169° 24.8 NM to fld. 1301/10W.

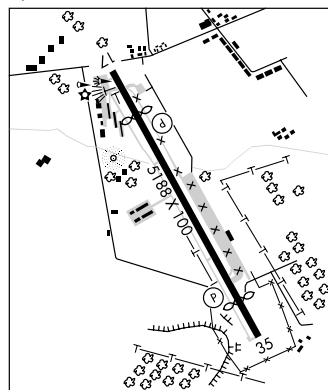
NDB (MHW) 254 **EUD** N39°55.20' W76°52.65' at fld. NOTAM

FILE THV.

WASHINGTON

H-10H, 12I, L-29E, 34F, A

IAP, AD



ZELIENOPLE MUNI (PJC) 1 W UTC-5(-4DT) N40°48.12' W80°09.65'

898 B S2 FUEL 100LL, JET A OX 2, 3 NOTAM FILE AOO

RWY 17-35: H4933X75 (ASPH) MIRL

RWY 17: Thld dsplcd 551'. Hill.

RWY 35: Thld dsplcd 282'. REIL. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-4241 TODA-5056 ASDA-4932 LDA-4382

RWY 35: TORA-4932 TODA-4932 ASDA-4632 LDA-4352

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z†. For attendant Sat-Sun call 724-452-4719. Deer and geese on and invof rwy.

Rwy 17 has +78' lgt'd power pole on hill. Rwy 17-35 transverse

crack near Twy A2. MIRL Rwy 17-35 opr dusk-0300Z†, after

0300Z† ACTIVATE MIRL Rwy 17-35—CTAF. Rwy 35 missing thld

marking other markings faded. Twy lgts to hangar area only.

Parallel twy marked with reflectors.

WEATHER DATA SOURCES: ASOS 118.45 (724) 452-5304.

COMMUNICATIONS: CTAF 122.9

PITTSBURGH APP/DEP CON 124.75

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

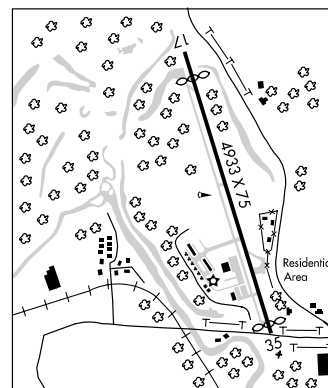
ELLWOOD CITY (H) VORTAC 115.8 **EWG** Chan 105 N40°49.50'

W80°12.69' 129° 2.7 NM to fld. 1227/08W.

DETROIT

L-29C

IAP



ARMIN N41°48.62' W71°21.19' NOTAM FILE PVD.

NDB (LOM) 356 AR 228° 6.2 NM to Theodore Francis Green State. Unmonitored when twr closed.

BLOCK ISLAND STATE (BID) 1 W UTC-5(-4DT) N41°10.09' W71°34.67'

NEW YORK

108 B NOTAM FILE BID

L-33C

RWY 10-28: H2502X100 (ASPH) S-30 MIRL 0.3% up W

IAP

RWY 10: MALSF. PAPI(P4R)—GA 3.0°TCH 40'. Trees. **RWY 28:** REIL. PAPI(P4L)—GA 3.0° TCH 35'.

AIRPORT REMARKS: Attended May-Oct Sun-Thur 1300-0000Z†, Fri-Sat 1300-0130Z†, Nov-Apr 1300-2100Z†. Deer and birds on and invof arpt. Obstructions—lighted towers 1 NM north east of airport ½ NM apart. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401-466-5511. ACTIVATE MIRL Rwy 10-28; MALSF Rwy 10 and REIL and PAPI Rwy 10 and Rwy 28—CTAF. Arpt parking and safety brief avbl on landing 122.85 MHz or call 401-466-5511. Ldg fee: commercial and non Rhode Island registered acft. Overnight parking fee.

WEATHER DATA SOURCES: AWOS-3 134.775 (401) 466-5495.

COMMUNICATIONS: CTAF/UNICOM 123.0

® **PROVIDENCE APP/DEP CON** 125.75 (1045-0500Z†) **CLNC DEL** 120.1

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE BID.

SANDY POINT (L) VORW/DME 117.8 SEY Chan 125 N41°10.05' W71°34.56' at fld. 100/15W.

DOWNTOWN PROVIDENCE HELISTOP (See PROVIDENCE)

NEWPORT STATE (UUU) 2 NE UTC-5(-4DT) N41°31.95' W71°16.89'

NEW YORK

172 B S4 FUEL 100LL NOTAM FILE UUU

L-33C

RWY 04-22: H2999X75 (ASPH) S-30 MIRL 0.8% up NE

IAP

RWY 04: VASI(V4L)—GA 4.0°TCH 51'. Trees.

RWY 22: REIL. PAPI(P4L)—GA 4.0° TCH 30'. Trees.

RWY 16-34: H2623X75 (ASPH) S-30 MIRL 0.6% up S

RWY 16: VASI(V4L)—GA 3.75°TCH 40'. Trees. **RWY 34:** Trees.

AIRPORT REMARKS: Attended Nov-Apr 1300-2130Z†, May-Oct 1300-2300Z†. Fuel avbl 24 hrs by credit card. Parachute Jumping. Deer and birds on and invof arpt. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401-295-5020. PPR required for jet acft. Arpt located in noise sensitive area. Populated areas to the south. Noise abatement procedures in effect, etc arpt manager 401-846-9400 for more information. ACTIVATE MIRL Rwy 04-22 and Rwy 16-34; REIL Rwy 22 Twys 'A' 'B' 'C' and ramp area—CTAF. Overnrgt parking fee. Ldg fee commercial and non Rhode Island registered acft.

WEATHER DATA SOURCES: ASOS 132.075 (401) 846-5910.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **PROVIDENCE APP/DEP CON** 128.7 (1045-0500Z†) **CLNC DEL** 127.25

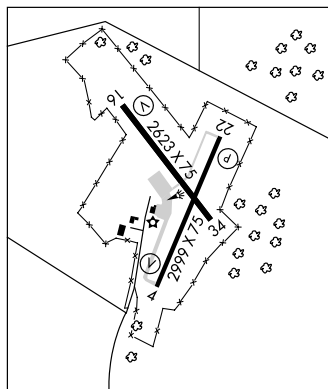
BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46' W71°25.78' 164° 13.3 NM to fld. 49/14W.

HIWAS.

ILS/DME 108.5 I-OTI CHAN 22 Rwy 22. LOC only. LOC unmonitored.



NORTH CENTRAL STATE (See PAWTUCKET)

NORTH KINGSTOWN**QUONSET STATE** (OQU)(KOQU) CIV/MIL/P/ARNG/ANG 3 NE UTC-5(-4DT)**NEW YORK**H-101, 11D, 12J, L-33C
IAP, DIAP, AD

N41°35.83' W71°24.73'

18 B FUEL 100LL, JET A LRA NOTAM FILE OQU

RWY 16-34: H7504X150 (ASPH-GRVD) D-175, ST-175 HIRL

RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 58'. Trees.

RWY 34: PAPI(P4L)—GA 3.0° TCH 58'. Thld dsplcd 403'.

RWY 05-23: H4000X75 (ASPH) S-12.5 MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Pole.

RWY 23: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 34: TORA-7500 TODA-7500 ASDA-7500 LDA-7100

MILITARY SERVICE: FUEL J8 (Military) A+, Landmark Aviation, opr

1100-0200Z†. PPR mandatory during non-duty hr. Ctc

C401-295-5020 extension 3008.) (NC-100LL, A)

AIRPORT REMARKS: Attended Mon-Fri 1200-0300Z†, Sat-Sun

1230-2230Z†. Noise abatement procedures for heavy acft; ctc

arpt manager 401-295-5020. Heavy acft 255,000 gross weight.

Twy R and Twy E clsd indef. Lgtd cranes 125' high at pier 1000'

SE of Rwy 05. Deer and birds on and invof arpt. 180° turns for

acft over 12,500 pounds gross weight prohibited on Rwy 16-34.

Rwy 16 8000' avbl for military acft. Rwy conditions may not be

monitored or reported when arpt is unattended; call arpt manager 401-295-5020. **ACTIVATE MIRL** Rwy 05-23,

HIRL Rwy 16-34, MALSR Rwy 16, REIL Rwy 05 and Rwy 23, and PAPI Rwy 05 and Rwy 23, and twy lgts—CTAF.

Ldg fee commercial and non Rhode Island registered acft/overnight parking fee. Flight Notification Service

(ADCUS) available.

MILITARY REMARKS: RSTD 180° turns for acft over 12,500 lbs gross weight prohibited on Rwy 16-34. **MISC** Rwy 168000' avbl for military acft only. **TFC PAT** Rotary/Wing 718 (700), Fixed/Wing 1018(1000). **ANG** PPR. Opr Tue-Fri

1200-2230Z†, except holidays. Tran acft inbound to ANG ctc RHODY OPS 15 min out. ANG OPS DSN

476-3405/3422, C401-886-1405/1422. Req all acft carrying Distinguished Visitors transit the ANG ramp

during normal duty hr. Bird Aircraft Strike Hazard program in effect. 1 Aug-31 Oct is designated Phase II for Bird

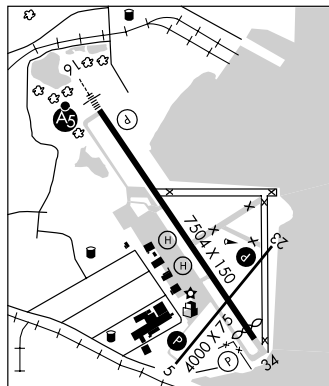
Watch Condition. Increased hazard from Canadian geese flying east to west over rwy. Inbound acft ctc twr for

latest Bird Watch Condition. No communications security/weapons storage avbl. Acft req customs/agriculture

ctc RHODY OPS 7 days prior arrival. No hot cargo parking avbl. **ARNG** Opr Tue-Fri 1200-2230Z†, except holidays.

Ltd tran maintenance, fuel and parking avbl. PPR fuel DSN 247-4539, C401-275-4539. Tran military acft ctc

ARNG OPS 38.95 253.4 if landing ARNG ramp.

COMMUNICATIONS: CTAF 126.35 **ATIS** 118.6 (Tue-Fri 1300-0400Z†, Sat 1400-2200Z† Sun 1500-2300Z†.)**UNICOM** 122.95**RCO** 122.3 (BRIDGEPORT RADIO)Ⓡ **PROVIDENCE APP/DEP CON** 135.4 380.25 244.875 (1045-0500Z†)**BOSTON CENTER APP/DEP CON** 124.85 307.9 (0500-1045Z†)**QUONSET TOWER** 126.35 252.9 Tue-Fri 1300-0400Z†; Sat 1400-2200Z†; Sun 1500-2300Z†; clsd Mon andholidays **GND CON** 134.5 275.8 **ARNG OPS** 36.8 233.15**ANG OPS** 383.3 (Call RHODY OPS)**AIRSPACE: CLASS D** svc Tue-Fri 1300-0400Z†; Sat 1400-2200Z†; Sun 1500-2300Z†; except Mon and holidays other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PVD.**PROVIDENCE (H) VORTACW** 115.6 PVD Chan 103 N41°43.46' W71°25.78' 188° 7.7 NM to fld. 49/14W.**HIWAS.****ILS/DME** 109.5 I-OQU Chan 32 Rwy 16. Unmonitored when twr clsd. Preventive maintenance scheduled Thu 1400-1600Z†.

PAWTUCKET**NORTH CENTRAL STATE** (SFZ) 3 E UTC-5(-4DT) N41°55.25' W71°29.48'**NEW YORK**

441 B S4 FUEL 100LL, JET A LRA NOTAM FILE SFZ

H-101, 11D, 121, L-33C, 34J

RWY 05-23: H5000X100 (ASPH) S-30, D-60 HIRL

IAP

RWY 05: MALS. VASI(V4R)—GA 3.0° TCH 52'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.

RWY 15-33: H3210X75 (ASPH) S-12.5 MIRL 0.5% up SE

RWY 15: REIL. PAPI(P4R)—GA 3.5° TCH 35'. Trees.

RWY 33: REIL. Trees.

AIRPORT REMARKS: Attended 1200-0000Z+. Parachute Jumping. Deer and birds on and in/ov arpt. Lgt'd 250 ft MSL tower 3 2/5 miles SE. +50' drop-off 250' from Rwy 05 end, +40' drop-off 250' from Rwy 23 end. Rwy 23 intersection dep not authorized. For noise abatement, acft departing Rwy 23 maintain rwy heading for 1.1 miles prior to turn out. ACTIVATE HIRL Rwy 05-23 and MIRL Rwy 15-33; PAPI Rwy 15 and Rwy 23; MALS Rwy 05 and REIL Rwy 15, Rwy 23 and Rwy 33 and Twy lgt's A, B, C, and D—CTAF. Overnight parking fee. Ldg fee for commercial acft and non-Rhode Island registered acft.

WEATHER DATA SOURCES: AWOS-3 120.025 (401) 334-0324**COMMUNICATIONS:** CTAF/UNICOM 123.075

PROVIDENCE APP/DEP CON 135.4 (1045-0500Z+) CLNC DEL 124.35

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z+)

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

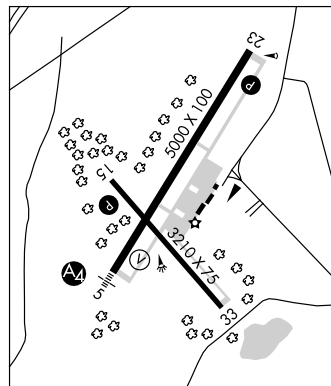
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46' W71°25.78' 001° 12.1 NM to fld. 49/14W.

HIWAS.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33' W71°50.65' 111° 15.9 NM to fld. 650/14W.

NOTAM FILE BDR.

ILS/DME 111.9 I-SFZ Chan 56 Rwy 05. LOC only. LOC unmonitored.

**PROVIDENCE** N41°43.46' W71°25.78' NOTAM FILE PVD.**NEW YORK**

(H) VORTACW 115.6 PVD Chan 103 at Theodore Francis Green State. 49/14W. HIWAS. H-101, 11D, 121, L-33C, 34J

VOR portion unusable:

085°-105° byd 8 NM blo 3000'

229°-254° byd 30 NM blo 2000'

336°-194° byd 30 NM blo 2000'

255°-279° byd 30 NM blo 2500'

195°-228° byd 30 NM blo 2500'

280°-335° byd 30 NM blo 3000'

DME unusable:

220°-240° byd 35 NM blo 3000'

241°-310° byd 30 NM blo 3000'

RC0 122.6 (BRIDGEPORT RADIO)

PROVIDENCE**DOWNTOWN PROVIDENCE HELISTOP** (RI9) 0 N UTC-5(-4DT) N41°49.45' W71°24.52'**NEW YORK**

7 NOTAM FILE BDR

HELIPAD H1: H25X25 (CONC)

HELIPORT REMARKS: Unattended. PPR for all ops call 401-737-4000, ext. 227. CAUTION: High rise obstructions 600 ft North, South, and East of helistop. Birds on and in/ov helistop. Landing Area 25 ft diameter CONC TDZ area. Helipad H1 +90 ft building 81 ft from NE side; +20 ft trees 150 ft from SE side; 20 ft tree 135 ft south; +331 ft MSL lgt'd smokestacks 675 ft from SW side.

COMMUNICATIONS: CTAF 122.9

THEODORE FRANCIS GREEN STATE (PVD) 6 S UTC-5(-4DT) N41°43.44' W71°25.69' **NEW YORK**

55 B S4 FUEL 100LL, JET A LRA Class I, ARFF Index C NOTAM FILE PVD H-101, 11D, 12J, L-33C, 34J
RWY 05-23: H7166X150 (ASPH-GRVD) S-102, D-170, ST-175, DT-295, DDT-590 HIRL CL IAP, AD

RWY 05: ALSF2. TDZL.

RWY 23: MALSR. VASI(V4L)—GA 3.0° TCH 39'. Trees.

RWY 16-34: H6081X150 (ASPH-GRVD) S-102, D-170, ST-175, DT-295, DDT-590 HIRL 0.4% up N

RWY 16: REIL. VASI(V4L)—GA 3.0° TCH 38'. Thld displcd 565'. Pole.

RWY 34: MALSR. VASI(V2L)—GA 2.8° TCH 35'. Trees.

AIRPORT REMARKS: Attended continuously. No practice apchs by acft over 12500 lbs. Deer and birds on and in/ov arpt. Rwy 16-34, 110 ft unmarked light poles 2700 ft from thld Rwy 34; 900 ft left of centerline. ASDE-X Surveillance System in Use: Pilots should operate transponders with Mode C on all twys and rwys. Terminal ramp prohibited for use to general aviation. Northwest ramp acft with wingspan greater than 110' req ground crew assistance for thru taxi and parking. Run up pads for Twys F and T clsd to acft with wingspan over 118 ft. Runup pad for Twy T used for overnight acft parking between 0100-1300Z. Twy V clsd daily 0100-1300Z; avbl for taxi north of Twy C. Noise abatement procedures in effect, ctc arpt manager 401-691-2297.

Helicopters avoid residential areas when blo 1000'. Rwy 05 touchdown, midfield, and rollout runway visual range avbl. Rwy 23 touchdown runway visual range avbl. Rwy 34 touchdown runway visual range avbl. Rwy 05 ALSF2 becomes SSALR when twr clsd. When twr clsd ACTIVATE HIRL Rws 05-23 and 16-34; SSALR Rwy 05; MALSR Rws 23 and 34, Rwy 05 TDZL and Rwy 05-23 centerline lghts—CTAF. Ground vehicles monitor CTAF when twr closed. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (401) 737-7612. HIWAS 115.6 PVD. LLWAS.

COMMUNICATIONS: CTAF 120.7 D-ATIS 124.2 401-737-3215.

PROVIDENCE RCO 122.6 (BRIDGEPORT RADIO)

PROVIDENCE APP/DEP CON 135.4 (1045-0500Z)

BOSTON CENTER APP/DEP CON 124.85 (0500-1045Z)

PROVIDENCE TOWER 120.7 (1045-0500Z) GND CON 121.9 CLNC DEL 126.65

BRIDGEPORT RADIO CLNC DEL 122.6 (0500-1100Z)

AIRSPACE: CLASS C svc 1045-0500Z ctc APP CON other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46' W71°25.78' at fld. 49/14W. **HIWAS.**

RENCH NDB (LOM) 335 PV N41°38.51' W71°29.68' 046° 5.8 NM to fld. Unmonitored when twr closed.

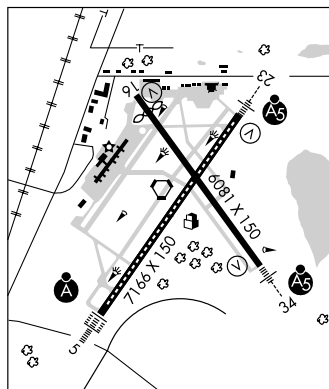
ARMIN NDB (LOM) 356 AR N41°48.62' W71°21.19' 228° 6.2 NM to fld. Unmonitored when twr closed.

ILS/DME 109.3 I-PVD Chan 30 Rwy 05. Class IIIE. LOM RENCH NDB. ILS/DME unmonitored when twr closed.

ILS/DME 109.3 I-ARJ Chan 30 Rwy 23. Class IE. LOM ARMIN NDB. ILS/DME unmonitored when twr closed. DME unusable byd 10 NM. LOC unusable 10° right of course.

ILS/DME 111.5 I-UNQ Chan 52 Rwy 34. Class IE. ILS/DME unmonitored when twr closed. GS unusable byd 5° right of course.

COMM/NAV/WEATHER REMARKS: ILS/DME Rwy 05 CAT II and CAT III unavailable when twr closed.



QUONSET STATE (See NORTH KINGSTOWN)

RENCH N41°38.51' W71°29.68' NOTAM FILE PVD.

NDB (LOM) 335 PV 046° 5.8 NM to Theodore Francis Green State. Unmonitored when twr closed.

RICHMOND (See WEST KINGSTON)

SANDY POINT N41°10.05' W71°34.57' NOTAM FILE BID.

(L) VOR/DME 117.8 SEY Chan 125 at Block Island State. 100/15W.

VOR/DME unusable 245°-250° byd 20 NM blo 3500'.

NEW YORK
H-101, L-33C

THEODORE FRANCIS GREEN STATE (See PROVIDENCE)

WESTERLY STATE (WST) 2 SE UTC-5(-4DT) N41°20.98' W71°48.20'

NEW YORK

81 B S4 **FUEL** 100LL, JET A NOTAM FILE WST

L-33C, 34I

RWY 07-25: H4010X100 (ASPH-GRVD) S-30, D-60 MIRL 0.7% up NE

IAP

RWY 07: MALSF. VASI(V4R)—GA 3.6° TCH 56'. Trees.**RWY 25:** REIL. VASI(V2L)—GA 3.0° TCH 26'. Trees.**RWY 14-32:** H3960X75 (ASPH) S-12.5 MIRL 0.6% up SE**RWY 14:** PAPI(P4L)—GA 4.0° TCH 40'. Trees.**RWY 32:** PAPI(P4L)—GA 4.0° TCH 40'. Thld dsplcd 750'. Trees.**AIRPORT REMARKS:** Attended 1300-2130Z†. Self svc 100LL fuel avbl

24 hrs. Deer and birds on and invof arpt. Rwy 07-25 is the preferred calm wind rwy. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager

401-596-2357. Arpt located in noise sensitive area and populated areas to the south and west should be avoided. Noise

abatement procedures in effect contact arpt manager at

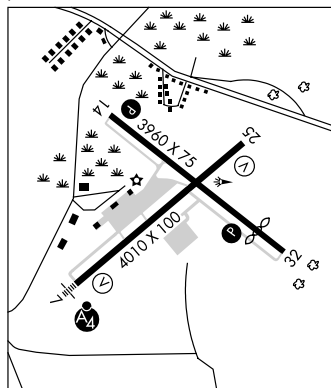
401-596-2357. Banner tow ops on airfield and below 1000'

along southern coast of Rhode Island. **ACTIVATE MIRL** Rwy 07-25

and Rwy 14-32, MALSF Rwy 07 and REIL Rwy 25, Rwy 14 and Rwy

32 and PAPI Rwy 14 and Rwy 32 —CTAF. Overnight parking fee.

Ldg fee for commercial and non Rhode Island registered acft.

WEATHER DATA SOURCES: ASOS 132.375 (401) 596-9543.**COMMUNICATIONS:** CTAF/UNICOM 123.0® **PROVIDENCE APP/DEP CON** 119.45 (S of ORW) (1045-0500Z†)**BOSTON CENTER APP/DEP CON** 124.85 (0500-1045Z†)**RADIO AIDS TO NAVIGATION:** NOTAM FILE GON.**GROTON (T) VOR/DME** 110.85 **GON** Chan 45(Y) N41°19.82' W72°03.12' 098° 11.3 NM to fld. 20/14W.**ILS/DME** 108.9 **I-RLS** Chan 26 Rwy 07. LOC only. LOC unmonitored.**WEST KINGSTON****RICHMOND** (Ø8R) 3 W GMT-5(-4DT) N41°29.37' W71°37.24'

NEW YORK

130 B S4 **FUEL** 100LL TPA-1130(1000) NOTAM FILE BDR**RWY 11-29:** H2129X30 (ASPH) LIRL (NSTD)**RWY 11:** Trees.**RWY 29:** TRCV (TRIL)—GA 5.5°. Thld dsplcd 130'. Tree.**AIRPORT REMARKS:** Attended 1400-2200Z†. Ultralights on and invof arpt. Deer and birds on and invof arpt. Rwy 11

CLOSED ngts. Rwy 11-29 +15' trees 45' N of centerline. +40' drop-off 150' from Rwy 29 end. +10' drop-off

200' from Rwy 11 end. Numerous perpendicular cracks and surface irregularities full length of rwy. Rwy 11-29

NSTD LIRL located 30' from edge of pavement. Rotating bcn OTS indef. Rwy 29 dsplcd thld lgtd and marked with

white bar and number. **ACTIVATE LIRL** Rwy 11-29 and windsock lgts—CTAF.**ACTIVATE LIRL** Rwy 11-29 and windsock lgts.—CTAF.**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** Cinc del thru Bridgeport RADIO (BDR) 1-866-293-5149.

BARRE—MONTPELIER**EDWARD F KNAPP STATE** (MPV) 3 W UTC-5(-4DT) N44°12.21' W72°33.74'

MONTREAL

1165 B S4 FUEL 100LL, JET A NOTAM FILE MPV

H-11D, 12K, L-326

RWY 17-35: H5002X100 (ASPH) S-31, D-70, ST-88 MIRL 1.5% up S IAP

RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 35: REIL. Thld dspcd 487'. Tree.

RWY 05-23: H4022X100 (ASPH) S-30, D-46 0.7% up SW

RWY 05: Thld dspcd 516'. Tree. RWY 23: Trees.

AIRPORT REMARKS: Attended 1300-2200Z†. No snow removal on Rwy 05-23; rwy CLOSED when snow covered. Field condition report may not be avbl and/or current at ngt. Rwy conditions may not be monitored or reported when the arpt is unattended. Jet traffic do not use southern most twy stub. 150' turn-arounds at both ends of Rwys 17 and 35. UNICOM base station not manned continuously. ACTIVATE MIRL Rwy 17-35 and MALSR Rwy 17—CTAF.

WEATHER DATA SOURCES: ASOS 132.675 (802) 229-2037.**COMMUNICATIONS:** CTAF/UNICOM 122.8

MONTPELIER RCO 122.6 122.2 (BURLINGTON RADIO)

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE MPV. VHF/DF ctc FSS

MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13'

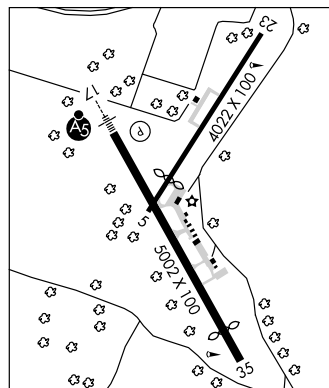
W72°26.96'

341° 8.6 NM to fld. 2080/16W.

MOUNT MANSFIELD NDB (MHW) 268 VKN N44°23.20' W72°41.61' 167° 12.0 NM to fld.

NDB unusable 060°-200° beyond 19 NM.

ILS/DME 108.7 I-MPV Chan 24 Rwy 17. Class IA. DME unmonitored.

**BASIN HARBOR**

(See VERGENNES)

BENNINGTON**WILLIAM H. MORSE STATE** (DDH) 3 W UTC-5(-4DT) N42°53.47' W73°14.77'

NEW YORK

827 B S4 FUEL 100LL, JET A NOTAM FILE BTV

L-326, 33B, 34J

RWY 13-31: H3704X75 (ASPH) S-12.5 MIRL 0.9% up SE IAP

RWY 13: REIL. PAPI(P4L)—GA 4.0° TCH 45'. Hiil.

RWY 31: REIL. PAPI(P4R)—GA 4.0° TCH 45'. Ground. Rgt tfc.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z†. Sat-Sun on call. For arpt attendance call 802-753-5212. Call 802-379-7175 or 802-753-5229 for on-call scvs only. 100LL self-svc avbl 24 hrs. Mountains all quadrants. Geese on and invof arpt. Rwy 13 thld hazardous bird activity. Rwy conditions may not be monitored or reported when the arpt is unattended. Noise abatement procedures in effect. Avoid overflying homes SE of arpt. Noise sensitive area apch end Rwy 31. Preferred use rwy is 13. If practical acft departing Rwy 13 use best climb rate and when above 400 ft AGL turn left within 1 mile of departure end of Rwy 13. ACTIVATE MIRL Rwy 13-31 and REIL Rwy 13 and Rwy 31 and PAPI Rwy 13 and Rwy 31—CTAF.

WEATHER DATA SOURCES: ASOS 135.925**COMMUNICATIONS:** CTAF/UNICOM 122.8

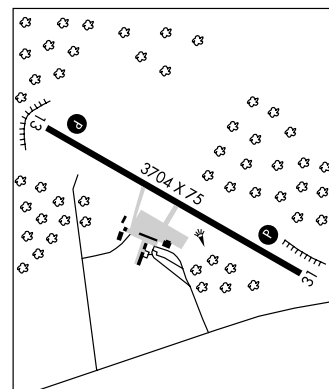
® ALBANY APP/DEP CON 132.825

GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 159° 7.5 NM to fld. 1490/14W.

HIWAS.



BURLINGTON INTL (BTV) 3 E UTC-5(-4DT) N44°28.31' W73°09.20'
335 B S4 FUEL 100LL, JET A OX 1, 3 AOE Class I, ARFF Index B

MONTREAL
H-11C, 12K, L-32G
IAP, AD

NOTAM FILE BTV

RWY 15-33: H8320X150 (ASPH-GRVD) S-100, D-175, ST-175,
DT-355 HIRL

RWY 15: MALSR. PAPI(P4R)—GA 3.0° TCH 51'. Arrest Device.
0.6% up

RWY 33: MALSF. REIL. PAPI(P4R)—GA 3.2° TCH 53'. Trees. Thld
dsplcd 500'. Arrest Device.

RWY 01-19: H3611X75 (ASPH) S-30, D-40, DT-60 MIRL

RWY 01: PAPI(P4R)—GA 3.5° TCH 40'. Thld dsplcd 225'. Tree.

RWY 19: PAPI(P4R)—GA 3.0° TCH 42'. Trees.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	15-33	2600
RWY 15	01-19	3750
RWY 33	01-19	2900

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-3611	TODA-3611	ASDA-3611	LDA-3386
RWY 15: TORA-7820	TODA-7820	ASDA-7820	LDA-7820
RWY 19: TORA-3611	TODA-3611	ASDA-3386	LDA-3386
RWY 33: TORA-8320	TODA-8320	ASDA-8320	LDA-7820



AIRPORT REMARKS: Attended 1000-0300Z†. No svc and no entry access at the FBO southwest of arpt 0300-1000Z† without PPR 802-657-3100. No svc and no entry access at the FBO south and center of arpt Mon-Fri 0300-1000Z†, Sat and Sun 2330-1300Z† without PPR 802-863-3626. Fighter acft restricted to tcf window of Mon-Sat 1330-0330Z†, Sun 1700-0330Z†. CAUTION: generating plant 2 NM from apch end Rwy 15 produces steam which may obscure visibility on final apch. Birds and deer on and invof arpt. Air carrier ramp not avbl for private/charter aircraft. Mil ops when twr clsd, VFR acft strongly advised to ctc ZBW 15 min PPR 120.35 0500-1030Z† daily. Twy A clsd to acft with wingspan greater than 125'. Twy K clsd to acft over 68,200 lbs. NSTD twy lgts on Twy E. Primary twy for Mil non-fighter acft arrival/departure is E. C-5 acft will park on the Army Guard ramp off Twy C. Twy L clsd to acft over 60,000 lbs. Twys D, E, F and N clsd to civilian ops. Twys D, E, F, N ANG and Army Nationale Guard ramps have uncontrolled vehicle and acft. ARFF avbl scheduled air carrier 0600-1000; A-Gear Type H/BAK-12A(B) apch end Rwy 33 located 1000' from dsplcd thld. Type H/BAK 12A(B) cable raised by twr on pilot req only. ACTIVATE PAPI Rwy 01, Rwy 15, Rwy 19 and Rwy 33, MALSR Rwy 15 and MALSF Rwy 33—CTAF. Fee for itinerant acft greater than 3000 lbs. Rwy 01-19 south of Rwy 15-33 intersection to Twy C; single wheel 100, dual tandem wheel 355; south of Twy C intersection to south end of rwy; single wheel 30, dual wheel 60. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (802) 658-8382. HIWAS 117.5 BTV.

COMMUNICATIONS: ATIS 123.8 CTAF 118.3 UNICOM 122.95

RCO 122.6 122.2 (BURLINGTON RADIO)

Ⓡ APP/DEP CON 121.1 (1030-0500Z†)

Ⓡ BOSTON CENTER APP/DEP CON 120.35 (0500-1030Z†)

TOWER 118.3 (1030-0500Z†) GND CON 121.9

AIRSPACE: CLASS C svc 1030-0500Z† ctc APP CON other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

(L) VOR/DME 117.5 BTV Chan 122 N44°23.83' W73°10.95' 031° 4.7 NM to fld. 420/15W. HIWAS.

VOR unusable

080°-105° byd 35 NM blo 5400'

115°-135° byd 25 NM blo 5400'

135°-155° byd 30 NM blo 5400'

DME unusable

080°-155° byd 30 NM blo 9000'

HERRO NDB (LOM) 382 BT N44°31.93' W73°14.97' 146° 5.5 NM to fld. Unmonitored 0600-1000Z†.

ILS/DME 110.3 I-BTV Chan 40 Rwy 15. Class IB. LOM HERRO NDB

ILS/DME 110.3 I-VOE Chan 40 Rwy 33. Localizer unusable byd 13 NM blo 4300'.

CALEDONIA CO (See LYNDONVILLE)

EDWARD F KNAPP STATE (See BARRE-MONTPELIER)

FRANKLIN CO STATE (See HIGHGATE)

HARTNESS STATE (SPRINGFIELD) (See SPRINGFIELD)

HERRO N44°31.93' W73°14.97' NOTAM FILE BTV.

NDB (LOM) 382 BT 146° 5.5 NM to Burlington Intl. Unmonitored 0600-1000Z†.

HIGHGATE**FRANKLIN CO STATE** (FSO) 3 W UTC-5(-4DT) N44°56.42' W73°05.85'**MONTREAL**

228 B S4 FUEL 100LL, JET A+ LRA NOTAM FILE BTW

L-326

RWY 01-19: H3000X60 (ASPH) S-12.5 MIRL

IAP

RWY 01: REIL. PAPI(P2L)—GA 4.0° TCH 35'. Tree.

RWY 19: REIL. Tree.

AIRPORT REMARKS: Attended Nov-Mar 1330-2200Z, Apr-Oct 1230-2200Z. Fuel avbl 24 hrs self serve. Seagulls invof arpt. 20 ft antenna array 200 ft east of centerline Rwy 01. Military equipment may be near the rwy. Turf ldg area east side of Rwy 01-19, no simultaneous ops. Rwy conditions may not be monitored or reported when the arpt is unattended. ACTIVATE MIRL Rwy 01-19, PAPI Rwy 01 and REIL Rwy 01 and Rwy 19—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.025 (802) 868-9941.**COMMUNICATIONS:** CTAF/UNICOM 122.8

PLATTSBURGH RCO 122.1R 116.9T (BURLINGTON RADIO)

Ⓡ BURLINGTON APP/DEP CON 121.1 (EAST) 126.3 (WEST)
(1030-0500Z)

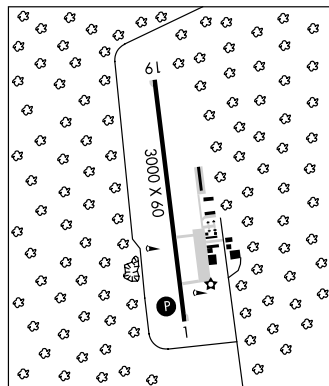
GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)

Ⓡ BOSTON CENTER APP/DEP CON 120.35 (0500-1030Z)

RADIO AIDS TO NAVIGATION: NOTAM FILE YUL.

ST JEAN (H) VORTAC 115.8 YJN Chan 105 N45°15.35'

W73°19.28' 169° 21.2 NM to fld. 144/16W. YJN VORTAC is in Canada—check Montreal QB (YUL) NOTAMS for outages or restrictions.

**ISLAND POND****JOHN H BOYLAN STATE (ISLAND POND)** (5B1) 3 SE UTC-5(-4DT) N44°47.49' W71°49.31'**MONTREAL**

1194 NOTAM FILE BTW

RWY 14-32: 2650X120 (TURF)

RWY 14: Trees. RWY 32: Trees.

AIRPORT REMARKS: Unattended. Ski operations only in winter. Rwy 14-32 thlds marked with yellow cones.**COMMUNICATIONS:** CTAF 122.9**JOHN H BOYLAN STATE (ISLAND POND)** (See ISLAND POND)**LYNDONVILLE** N44°30.25' W72°01.76' NOTAM FILE BTW.**MONTREAL**

NDB (MHW) 353 LLX 023°3.9 NM to Caledonia Co. Unmonitored. Unusable 260°-275°;
276°-259° byd 15 NM.

L-32H

LYNDONVILLE**CALEDONIA CO** (CDA) 3 N UTC-5(-4DT) N44°34.15' W72°01.08'**MONTREAL**

1188 FUEL 100LL TPA-2199(1012) NOTAM FILE BTW

L-32H

RWY 02-20: H3300X60 (ASPH) S-12.5 LIRL (NSTD) 0.3% up N

IAP

RWY 02: REIL. Trees. RWY 20: Trees.

AIRPORT REMARKS: Attended Tues-Fri 1400-2000Z, Sat-Sun 1400-2200Z. Rwy conditions may not be monitored or reported when the arpt is unattended. Rwy 02-20 NSTD LIRL due to amber/clear globes. For maintenance call 802-334-5001. Bring own tie-downs. ACTIVATE REIL Rwy 02 and NSTD LIRL Rwy 02-20—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.275 (802) 626-4532.**COMMUNICATIONS:** CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.7

GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)

RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.

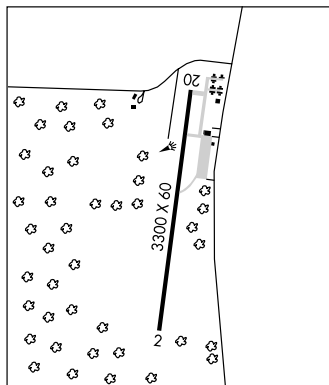
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13'

W72°26.96' 048° 34.5 NM to fld. 2080/16W.

LYNDONVILLE NDB (MHW) 353 LLX N44°30.25'

W72°01.76' 023° 3.9 NM to fld. NOTAM FILE BTW.

Unmonitored. Unusable 260°-275°; 276°-259° byd 15 NM.



MIDDLEBURY STATE (6BØ) 3 SE UTC-5(-4DT) N43°59.09' W73°05.76'

NEW YORK

490 S4 FUEL 100LL TPA—See Remarks NOTAM FILE BTV

RWY 01-19: H2500X50 (ASPH) S-12.5

RWY 01: Trees.

RWY 19: Trees. Rgt tfc.

AIRPORT REMARKS: Attended 1300Z±-dusk. Self-svc fuel with credit card. High hills east of arpt. No line of sight between rwy ends. Rwy conditions may not be monitored or reported when the arpt is unattended. TPA—1300 (810); multi-engine TPA 1500 (1010). Ultralight and agricultural acft activity on and in/ov arpt. Rwy 01-19 has hanger and several acft tie downs located in twy safety area and obstruction free zone; pilots should carefully monitor wing tip clearances and use caution while taxiing acft.

COMMUNICATIONS: CTAF/UNICOM 122.8

MONTPELIER N44°05.13' W72°26.96' NOTAM FILE MPV.

MONTREAL

(L) VORW/DME 110.8 MPV Chan 45 341° 8.6 NM to Edward F Knapp State. 2080/16W.

L-32G

RCO 122.6 122.2 (BURLINGTON RADIO)

MORRISVILLE-STOWE STATE (MVL) 2 SW UTC-5(-4DT) N44°32.08' W72°36.84'

MONTREAL

732 B S4 FUEL 100LL, JET A NOTAM FILE MVL

L-32G

RWY 01-19: H3701X75 (ASPH) S-25 MIRL 0.5% up N

IAP

RWY 01: REIL. Trees.

RWY 19: REIL. VASI (V2R)—GA 3.5°. Trees.

AIRPORT REMARKS: Attended 1200-2300Z±. For fuel and svcs after hours and info call 802-888-7845. Rwy conditions may not be monitored or reported when the arpt is unattended. Glider ops dalgt hours May-Oct. Acft ldg off pavement will be at own risk/liability. ACTIVATE MIRL Rwy 01-19; REIL Rws 01 and 19; VASI Rwy 19—CTAF.

WEATHER DATA SOURCES: ASOS 135.625 (802) 888-7934.

COMMUNICATIONS: CTAF/UNICOM 122.8

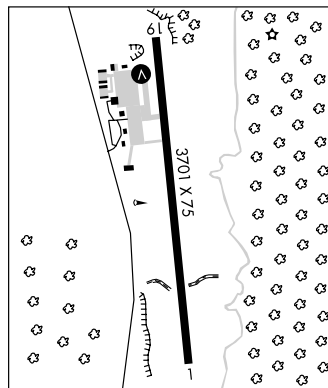
BOSTON CENTER APP/DEP CON 135.7

GCO 135.075 (BURLINGTON CLNC and FLIGHT SERVICES)

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (L) VORW/DME 117.5 BTW Chan 122 N44°23.83' W73°10.95' 086° 25.8 NM to fld. 420/15W. HIWAS.

NDB (MHW) 375 JRV N44°34.72' W72°35.24' 219° 2.9 NM to fld. NDB unmonitored.



MOUNT MANSFIELD N44°23.20' W72°41.61' NOTAM FILE MPV.

MONTREAL

NDB (MHW) 268 VKN 167° 12.0 NM to Edward F Knapp State. Unusable 060°-200° byd 19 NM.

L-32G

MOUNT SNOW (See WEST DOVER)

NEWPORT STATE (EFK) 3 SW UTC-5(-4DT) N44°53.33' W72°13.75'

MONTREAL

930 B S3 FUEL 100LL, JET A LRA NOTAM FILE BTV

L-32H

RWY 05-23: H4000X100 (ASPH) S-30 D-44

IAP

RWY 05: Trees.

RWY 23: Tree.

RWY 18-36: H4000X100 (ASPH) S-30, D-44 MIRL 0.3% up N

RWY 18: Tree. RWY 36: REIL. PAPI(P2L)—GA 4.0° TCH 69'.

Trees.

AIRPORT REMARKS: Attended 1300-2200Z±. Self serve fuel avbl 24 hrs. For full maintenance shop and taxicab call 802-334-3100. Rwy 05-23 CLOSED winter months. Rwy conditions may not be monitored or reported when the arpt is unattended. Gulls on and in vicinity of arpt. ACTIVATE MIRL Rwy 18-36, PAPI Rwy 36—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.275 (802) 334-4427.

COMMUNICATIONS: CTAF/UNICOM 122.8

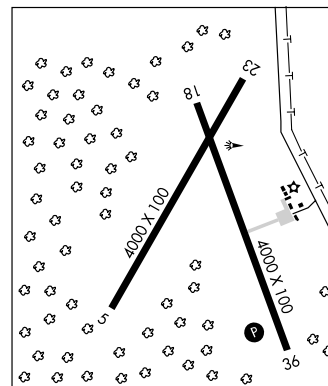
RCO 122.5 (BURLINGTON RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01'

W71°11.17' 306° 47.2 NM to fld. 1730/17W. HIWAS.

NDB (MHW) 242 EFK N44°57.17' W72°10.64' 227° 4.4 NM to fld. NOTAM FILE BTV. Unusable 250°-350° by 20 NM.



POST MILLS (2B9) 0 E UTC-5(-4DT) N43°53.05' W72°15.22'

NEW YORK

693 S2 NOTAM FILE BTW

RWY 04-22: 2900X80 (TURF)

RWY 04: Tree. Rgt tfc. RWY 22: Tree.

RWY 05-23: 2300X80 (TURF)

RWY 05: Tree. Rgt tfc. RWY 23: Road.

AIRPORT REMARKS: Attended irregularly. Ultralights; gliders and hot air balloons on and in/ovf arpt. Trees 400' from end of Rws 22 and 23. No snow removal. Arpt open to ski acft only when snow covered. Call 802-333-9254 for info. Propane avbl for hot air balloons.

COMMUNICATIONS: CTAF/UNICOM 122.8

RUTLAND-SOUTHERN VERMONT RGNL (RUT) 5 S UTC-5(-4DT) N43°31.80' W72°56.98'

NEW YORK

787 B S4 FUEL 100LL, JET A TPA-1787(1000) Class IV, ARFF Index A

H-110, 12K, L-326

NOTAM FILE RUT

IAP

RWY 01-19: H5000X100 (ASPH-GRVD) S-40, D-68, ST-86 MIRL

RWY 01: PVASI(P2L)—GA 3.5°. Hill.

RWY 19: MALSR. REIL. VASI(V4L)—GA 3.5° TCH 50'. Rgt tfc.

RWY 13-31: H3170X75 (ASPH) S-30 MIRL

RWY 13: REIL. PAPI(P2L)—GA 3.75° TCH 34'. Road.

RWY 31: Trees.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 01: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 19: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

AIRPORT REMARKS: Attended 1300-0100Z+. For after hrs svc call 802-773-3348. Rwy conditions may not be monitored or reported when the arpt is unattended. Birds on and in/ovf arpt. Acft with wing spans exceeding 79' authorized to use Twy A and Twy B east of Rwy 01-19, and Rwy 13-31 for taxiing, and Rws 01 and 19 for t/kf and ldg. 150' turnarounds at ends of Rws 01 and 19. Noise sensitive area southeast of arpt ctc arpt manager. Type I and type IV deicing avbl. ACTIVATE MIRL Rws 01-19 and 13-31; MALSR Rwy 19, and REILS Rws 13 and 19; PAPI Rwy 13—CTAF. Low ints lighting not avbl dawn-dusk. Ldg/parking fees may apply for non-based acft.

WEATHER DATA SOURCES: AWOS-3 118.375 (802) 747-3044.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (BURLINGTON RADIO)

BOSTON CENTER APP/DEP CON 135.7

RADIO AIDS TO NAVIGATION: NOTAM FILE RUT.

(T) VOR/DME 111.0 RUT Chan 47 N43°31.60' W72°57.04' at fld. 781/15W.

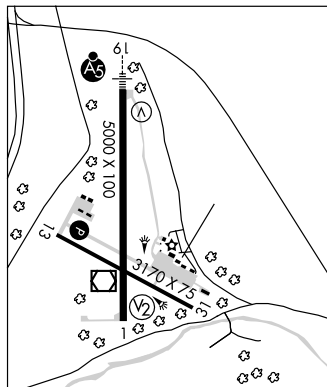
VOR/DME unusable:

024°-116°

117°-191° byd 15 NM blo 8000'

230°-310 byd 15 NM blo 8000'

ILS/DME 111.7 I-RUT Chan 54 Rwy 19. LOC only. Unmonitored.

**SHELburnE** (VT8) 2 S UTC-5(-4DT) N44°21.64' W73°14.51'

MONTREAL

325 S4 FUEL MOGAS NOTAM FILE BTW

RWY 01-19: 2250X60 (TURF)

RWY 01: Trees. RWY 19: Trees.

AIRPORT REMARKS: Attended daylight hours. No line of sight between rwy ends. Call arpt manager 802-985-2100 in advance for rwy conditions.

COMMUNICATIONS: CTAF/UNICOM 122.8

SMUTO N43°42.38' W72°57.43' NOTAM FILE RUT.

NEW YORK

NDB (MHW) 221 DYO 193° 10.6 NM to Rutland State. Unusable 351°-189° byd 15 NM.

L-326

SPRINGFIELD N43°16.20' W72°35.18' NOTAM FILE VSF.

NEW YORK

NDB (MHW) 265 SXD 048° 5.0 NM to Hartness State (Springfield). NDB unmonitored.

L-326

RCO 122.5 (BURLINGTON RADIO)

SPRINGFIELD**HARTNESS STATE (SPRINGFIELD)** (VSF) 3 NW UTC-5(-4DT) N43°20.62' W72°31.04'**NEW YORK**

577 B S4 FUEL 100LL JET A TPA—See Remarks NOTAM FILE VSF

H-11D, 12K, L-32G

RWY 05-23: H5498X100 (ASPH) S-32, D-45 MIRL 0.3% up SW

IAP

RWY 05: REIL. VASI(V4L)—GA 4.0°TCH 59'. Trees.

RWY 23: Trees.

RWY 11-29: H3000X75 (ASPH) S-30 MIRL 0.3% up W

RWY 11: Trees. RWY 29: Tree.

AIRPORT REMARKS: Attended Jun-Sep 1300-0000Z± Oct-May 1300-2200Z±. Geese on and in/ovf arpt. Gliders on and in vicinity of arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. Noise sensitive area west of arpt. Rwy 23 is preferred for day, VFR, no wind conditions. TPA—1600(1023), multi-engine 2100(1523). Maintain recommended TPA on downwind leg for Rwy 05. Apron and Twys A and B pavement capacity is S-46, D-62.

WEATHER DATA SOURCES: ASOS 121.425 (802) 886-6006.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SPRINGFIELD RCO 122.5 (BURLINGTON RADIO)

Ⓡ BOSTON CENTER APP/DEP CON 134.7

RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.

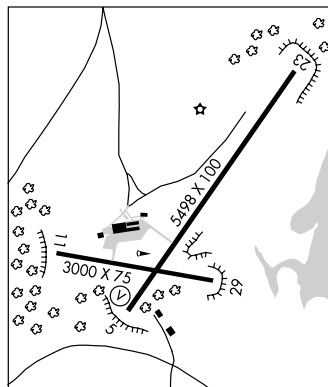
LEBANON (L) VOR/DME 113.7 LEB Chan 84 N43°40.73'

W72°12.96' 228° 24 NM to fld. 1460/15W.

SPRINGFIELD NDB (MHW) 265 SXD N43°16.20' W72°35.18' 048° 5.0 NM to fld. NOTAM FILE VSF. NDB

unmonitored.

ILS/DME 111.3 I-VSF Chan 50 Rwy 05. LOC only. LOC/DME unmonitored. DME unusable byd 11 NM blo 3500'.

**VERGENNES****BASIN HARBOR** (BØ6) 4 NW UTC-5(-4DT) N44°11.75' W73°20.98'**MONTREAL**

132 NOTAM FILE BTW

RWY 02-20: 3000X90 (TURF)

RWY 02: Trees. RWY 20: Trees.

AIRPORT REMARKS: Attended May 15-Oct 15 SR-SS. Arpt CLOSED from late Fall to early Spring—ctc arpt manager 802-475-2311. Gliders on and in/ovf arpt. Rwy 02-20 outlined with orange barrels. Rwy surface soft after heavy rain.

COMMUNICATIONS: CTAF/UNICOM 122.8**WARREN-SUGARBUSH** (ØB7) 2 E UTC-5(-4DT) N44°07.00' W72°49.62'**MONTREAL**

1470 FUEL 100LL NOTAM FILE BTW

RWY 04-22: H2575X30 (ASPH) S-8.5

RWY 04: Tree. Rgt tfc. RWY 22: Tree.

AIRPORT REMARKS: Attended May-Oct 1400-2300Z±. Arpt CLOSED Nov-Apr. Fuel self serve. Extensive glider activity on arpt surface to 18,000' dalgt hrs. Occasional aerobatic activity; arpt may be CLOSED during this activity; check NOTAMs. No line of sight between rwy ends. Touch and go ldgs not permitted. Grass areas not authorized for tkfs and ldgs without first checking UNICOM for fld conditions.

COMMUNICATIONS: CTAF/UNICOM 123.0

WEST DOVER**MOUNT SNOW** (4V8) 1 SW UTC-5(-4DT) N42°55.63' W72°51.94'1953 **FUEL** 110LL NOTAM FILE BTV**RWY 01-19:** H2650X75 (ASPH) LIRL (NSTD)**RWY 01:** Trees.**RWY 19:** Trees.

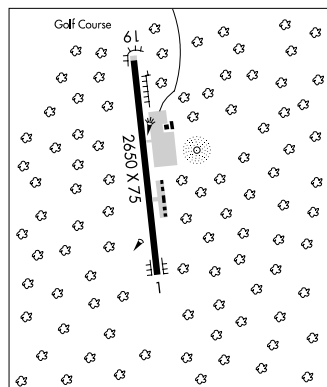
AIRPORT REMARKS: Unattended. Fuel avbl 24/7 with credit card. No line of sight between rwy ends. Old X markings denoting clsd rwy showing through asph coating. Rwy 01-19 pavement has blocking, traverse cracking, rutting and loose rocks on rwy. Primary surface area cluttered with trees. Transitional areas cluttered with trees. Arpt lgts opr dusk-0700Z+. Rwy 01-19 NSTD lateral LIRL, all thld lgts missing. Ldg fee.

COMMUNICATIONS: CTAF/UNICOM 122.8**BOSTON CENTER APP/DEP CON** 123.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE EEN.**KEENE (L) VORTAC** 109.4 EEN Chan 31 N42°47.66'

W72°17.51' 302° 26.6 NM to fld. 1380/14W.

NDB (MHW) 224 VWD N42°55.65' W72°51.84' at fld.

NOTAM FILE BTV. NDB unusable byd 15 NM.

NEW YORK**L-326, 33C****IAP****WILLIAM H. MORSE STATE** See BENNINGTON

ABINGDON**VIRGINIA HIGHLANDS** (VJI) 2 W UTC-5(-4DT) N36°41.23' W82°02.00'**CINCINNATI**

2087 B FUEL 100LL, JET A TPA-3077 (990) NOTAM FILE VJI

L-26I

RWY 06-24: H4471X75 (ASPH) S-12.5 MIRL 0.6% up NE

IAP

RWY 06: Brush. RWY 24: ODALS. REIL. PAPI(P2L). Tree.

AIRPORT REMARKS: Attended Dec-Mar 1200-0000Z†, Sat-Sun 1200-2200Z†, Apr-Nov 1200-0200Z†. For fuel after hrs call 276-628-6030/623-8686. Wildlife on and in vicinity of arpt. Ultralights on and in vicinity of arpt. MIRL Rwy 06-24 preset low ints.

ACTIVATE higher ints, PAPI Rwy 24, ODALS Rwy 24 and REIL Rwy 24-CTAF.

WEATHER DATA SOURCES: AWOS-3 128.125 (276) 628-2940. Ceiling unreliable indef. Visability unreliable indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

HOLSTON MOUNTAIN, TN RCO 122.1R 114.6T (NASHVILLE RADIO)

Ⓡ TRI CITY APP/DEP CON 128.67 (1100-0500Z†)

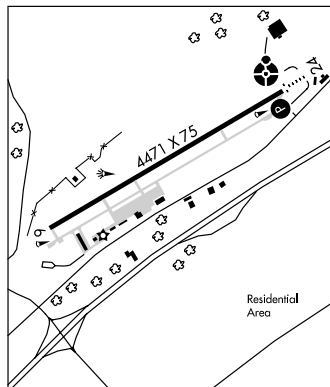
Ⓡ ATLANTA CENTER APP/DEP CON 127.85 (0500-1100Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE BNA.

HOLSTON MOUNTAIN (L) VORTAC 114.6 HMV Chan 93 N36°26.22' W82°07.78' 021° 15.7 NM to fld. 4321/04W.

WHINE NDB (MHW/LOM) 236 VJ N36°44.02' W81°56.94' 241° 4.9 NM to fld. NOTAM FILE VJI. Unmonitored when arpt unattended. Unusable byd 15 NM.

ILS/DME 108.3 I-VJI Chan 20 Rwy 24. LOC only. LOM WHINE NDB. LOC/DME unmonitored when arpt unattended.

**ACCOMACK CO** (See MELFA)**ALLEN C. PERKINSON/BAAF** (See BLACKSTONE)**A P HILL AAF** (FORT A P HILL) (APH)(KAPH) A UTC-5(-4DT) N38°04.13' W77°19.10'**WASHINGTON**

220 TPA-See Remarks NOTAM FILE DCA Not insp.

L-34E, 36H

RWY 05-23: 2201X100 (TURF)

RWY 23: Rgt t/c.

MILITARY SERVICE: FUEL J8 Avbl 1300-2130Z† with 24 hr PPR DSN 578-8224/8374, C804-633-8224/8374 Dial 8360 from fld phone if Petrol, Oils and Lubricants truck not at fld.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z†, excluding holidays, other times on req. RSTD 24 hr PPR all acft. Use of airfld by fixed wing acft emerg only. **CAUTION** Range impact area R-6601 located 600 meters SE of rwy. TFC PAT TPA-900(680) MISC 40X40 conc pad SE of rwy at midfld. Flight plans open/clsd by phone Leesburg FSS, dial 9-1-800-468-6621. Phone avbl under shelter adjacent to twr. Attended/advisory service from range control Mon-Fri.

COMMUNICATIONS:

Ⓡ POTOMAC APP/DEP CON 134.7 307.2

RANGE CONTROL 38.5

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NDB (MHW) 396 APH N38°05.27', W77°19.50' 173° 1.1 NM to fld. Unmonitored 2130-1300Z†.

APPOLLO SOUCEK FLD (See OCEANA)**ARMEL** N38°56.08' W77°28.00' NOTAM FILE IAD.**WASHINGTON**

(L) VORTAC 113.5 AML Chan 82 at Washington Dulles Intl. 297/08W.

COPTER

VOR portion unusable:

H-10H, L-29E, 34E, 36I, A

210°-250° all distances and altitudes.

320°-355° byd 15 NM blo 4000'.

DME unusable byd 35 NM blo 2500'.

RCO 122.1R 113.5T (LEESBURG RADIO)

AZALEA PARK N38°00.61' W78°31.09' NOTAM FILE CHO.**WASHINGTON**

NDB (MHW) 336 AZS 030° 8.3 NM to Charlottesville-Albemarle.

L-26K, 36H

NDB unmonitored when twr clsd.

BALES N36°35.39' W79°55.04' NOTAM FILE MTJ.**CINCINNATI**

NDB (MHW/LOM) 396 UV 304° 5.5 NM to Blue Ridge. Unmonitored when arpt unattended.

L-26I, 36F

BLACKSBURG**VIRGINIA TECH/MONTGOMERY EXECUTIVE**

(BCB) 3 S UTC-5(-4DT) N37°12.46' W80°24.47'

CINCINNATI

2132 B S4 FUEL 100LL, JET A TPA-See Remarks NOTAM FILE BCB

L-26J

RWY 12-30: H4539X100 (ASPH) MIRL 0.4% up SE

IAP

RWY 12: ODALS. PAPI(P4L)—GA 3.0° TCH 40'. Road.

RWY 30: REIL. PAPI(P2L)—GA 3.75°. Brush.

AIRPORT REMARKS: Attended Apr-Oct 1300-2300Z†, Nov-Mar 1300-0000Z†. PPR for fuel when arpt unattended; phone 540-231-4444. Occasional wildlife on arpt. Noise sensitive area north of arpt. VFR departures maintain rwy heading until reaching 1000 ft AGL. NSTD marking prior to thld Rwy 30. Marking should be for twy inline with rwy. MIRL Rwy 12-30 preset low ints, ACTIVATE higher ints, ODALS Rwy 12, PAPI Rwy 30 and REIL Rwy 30—CTAF. TPA 3132(1000) for non turbine powered acft, 3632(1500) turbine powered acft.

WEATHER DATA SOURCES: AWOS-3 133.325 (540) 231-4837.**COMMUNICATIONS:** CTAF/UNICOM 123.05

ROANOKE APP/DEP CON 126.9 ROANOKE CLNC DEL 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

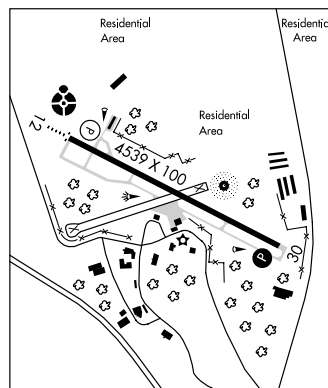
PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26'

W80°42.77' 070° 16.3 NM to fld. 2120/06W. HIWAS.

TECH NDB (MHW) 368 TEC N37°12.52' W80°24.21' at fld.

NOTAM FILE BCB.

ILS/DME 109.1 I-BCB Chan 28 Rwy 12. (LOC only). LOC/DME unmonitored when arpt unattended.

**BLACKSTONE** N37°07.65' W78°02.67' NOTAM FILE DCA**WASHINGTON**

NDB (MHW) 326 BKT 135° 5.5 NM to Allen C Perkinson/BAAF.

L-36H**BLACKSTONE****ALLEN C. PERKINSON BLACKSTONE AAF** (FORT PICKETT) (BKT) 2 E UTC-5(-4DT)**WASHINGTON**

N37°04.46' W77°57.44'

L-36H

439 B FUEL 100LL, JET A NOTAM FILE DCA

IAP, DIAP, AD

RWY 04-22: H4632X150 (CONC) PCN 64 R/C/W/T MIRL

0.8% up NE

RWY 04: Tree. RWY 22: Thld dspcd 700'. Tree.

RWY 01-19: H4032X75 (ASPH-CON) PCN 1 R/D/W/T

RWY 01: Tree. RWY 19: Tree. Rgt tfc.

MILITARY SERVICE: FUEL A+, J8 (Mil) (NC-100LL, A) (Town of Blackstone,

Opr Mon-Fri 1300-2200Z†, C434-292-7251, other times

C434-645-4824 or C434-292-7558.)

AIRPORT REMARKS: Attended Mon-Fri 1700-0130Z†. Clsd federal holidays. Parachute Jumping. Ldg Rwy 01 and tkf Rwy 19 not authorized. Rwy 01-19 pavement cracked, spalling, and has foreign object damage entire length. Used by state police for vehicle defensive driving at various times requiring temporary closure of rwy. Avoid flight over ammunition supply point. Jet and military training within 20 NM radius. Extensive C130 t/c and frequent parachute drops. C-130 and C-17 PPR for ldg Rwy 04-22 call 434-292-2193. When twr clsd ACTIVATE MIRL Rwy 04-22—CTAF. Rwy 22 has 700 ft relocated thld.

MILITARY REMARKS: Military acft ctc RANGE OPS. RSTD 24 hr PPR DSN

438-2193 for ldg at post helipads. Military opr call C434-292-2193/2116. Rwy 04-22 PPR and rwy condition call C434-292-2193. MISC Crash/Rescue svc DSN 438-2193/2217.

COMMUNICATIONS: CTAF/UNICOM 122.95

① WASHINGTON CENTER APP/DEP CON 118.75 377.1

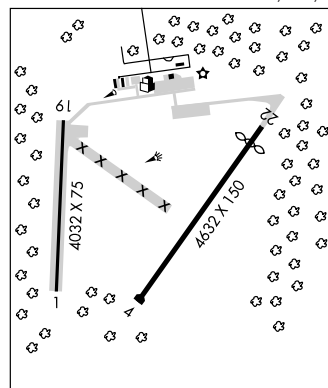
BLACKSTONE TOWER 38.3 126.2 241.0 Opr Mon-Fri 1200-2030Z† except federal holidays. Other times by NOTAM.

RANGE OPS 38.3 41.05

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08' W77°54.18' 358° 15.6 NM to fld. 350/08W.

BLACKSTONE NDB (MHW) 326 BKT N37°07.65' W78°02.67' 127° 5.3 NM to fld.

**BLUE RIDGE** (See MARTINSVILLE)

BOJAR N37°15.75' W 79°14.60' NOTAM FILE LYH.
 NDB (MHW/LOM) 385 LY 036° 4.4 NM to Lynchburg Rgnl-Preston Glenn Fld.
 NDB unmonitored when tower clsd.

CINCINNATI
 L-26J, 36G

BRIDGEWATER AIR PARK (VBW) 1 NW UTC-5(-4DT) N38°22.00' W78°57.62'

WASHINGTON

1165 B FUEL 100LL, JET A NOTAM FILE DCA
 RWY 15-33: H2745X60 (ASPH) S-22 MIRL 0.3% up SE

L-26J
 IAP

RWY 15: Tree. RWY 33: Thld dsplcd 386'. Pole.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z, Sat 1400-2100Z, and Sun 1700-2100Z. ACTIVATE MIRL Rwy 15-33-CTAF.

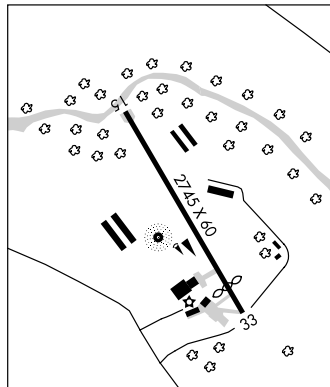
COMMUNICATIONS: CTAF/UNICOM 122.7

® **POTOMAC APP/DEP CON** 132.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03' W79°06.41' 019° 28.8 NM to fld. 3460/05W.

NDB (MHW) 241 VBW N38°21.94' W78°57.67' at fld.
 Unmonitored when arpt unattended. Unusable 225°-235° byd 21 NM.



BROOKE N38°20.18' W77°21.18' NOTAM FILE DCA.

WASHINGTON

(L) **VORTAC** 114.5 BRV Chan 92 237°6.2 NM to Shannon. 145/09W.

H-10H, L-29E, 34E, 36I, A

VOR portion unusable:

077°-083°

084° byd 16 NM

084° blo 9000'

085°-089° byd 16 NM

090°-140° byd 10 NM blo 3000'

DME portion unusable byd 35 NM blo 3500'

VORTAC unusable:

141°-308° byd 10 NM blo 3000'

341°-006° byd 10 NM blo 5500'

341°-006° byd 30 NM blo 8500'

341°-006° byd 36 NM

341°-006° blo 2500'

141°-308° byd 24 NM blo 6000'

RCO 122.1R 114.5T (LEESBURG RADIO)

BROOKNEAL/CAMPBELL CO (ØV4) 06 NW UTC-5(-4DT) N37°08.50' W79°00.98'

CINCINNATI

596 B NOTAM FILE DCA

L-26K, 36G

RWY 06-24: H3798X60 (ASPH) S-12.5 MIRL

IAP

RWY 06: Tree. RWY 24: Tree.

AIRPORT REMARKS: Unattended. Ultralight activity on and invov arpt.

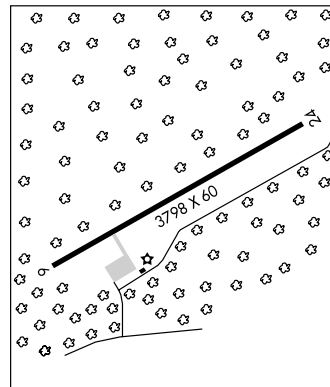
MIRL Rwy 06-24 preset low, ACTIVATE higher ints-CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28' W79°14.19' 128° 12.5 NM to fld. 880/05W. HIWAS.



BUCK'S ELBOW MOUNTAIN N38°06.25' W78°44.62'

WASHINGTON

RCO 122.65 122.2 (LEESBURG RADIO)

L-26K, 36H

BUMPASS

LAKE ANNA (7W4) 0 NW UTC-5(-4DT) N37°57.94' W77°44.75'
 355 B NOTAM FILE DCA
RWY 08-26: H2560X25 (ASPH) S-6 LIRL (NSTD)
RWY 08: Trees. **RWY 26:** Trees.
AIRPORT REMARKS: Unattended. No students.
COMMUNICATIONS: CTAF 122.9

WASHINGTON

CAMPBELL FLD (See WEIRWOOD)

CAMP PEARY LNDG STRIP (W94) A 3 NE UTC-5(-4DT) N37°18.77' W76°38.29'
 41 NOTAM FILE DCA Not Insp
RWY 05-23: H5018X51 (ASPH)

WASHINGTON
 H-101, 12H, L-34E, 36H
 IAP

MILITARY REMARKS: Attended Mon-Fri 1300-2130Z±. Field rstd, PPR by written req to Base
 Commander, Attn: Air OPS. Exc when opr under prior permission auth, pilots should maintain
 at least 3000' abv the arpt elevation within 5 NM.

COMMUNICATIONS:

Ⓡ **NORFOLK APP/DEP CON** 125.7 335.625

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92' W76°42.68' 164° 8.9 NM to fld. 10/07W.

CAPE CHARLES N37°20.85' W75°59.86' NOTAM FILE DCA.

WASHINGTON

(L) **VORTAC** 112.2 CCV Chan 59 042° 21.2 NM to Accomack Co. 10/10W.

H-101, 12H, L-35D, 36I

VOR portion unusable;

137°-322° byd 17 NM blo 2000'

137°-322° byd 22 NM blo 3000'

RCD 122.1R 112.2T (LEESBURG RADIO)

CASANOVA N38°38.47' W77°51.93' NOTAM FILE DCA.

WASHINGTON

(H) **VORTAC** 116.3 CSN Chan 110 184° 6.9 NM to Culpeper Rgnl. 439/06W.

H-10H, L-29D, 34E, 36I, A

VORTAC unusable 310°-350° byd 10 NM blo 11000'.

RCD 122.1R 116.3T (LEESBURG RADIO)

CAVERNS N38°41.97' W78°28.30' NOTAM FILE DCA.

WASHINGTON

NDB (MHW) 245 LUA 224° 2.4 NM to Luray Caverns. Unmonitored when arpt unattended.

L-29G

Unusable 209°-049° byd 15 NM; 050°-208° byd 10 NM.

CHAMBERS FLD (See NORFOLK NS)**CHARLOTTESVILLE-ALBEMARLE** (CHO) 7 N UTC-5(-4DT) N38°08.32' W78°27.17'

WASHINGTON

639 B S4 **FUEL** 100LL, JET A Class I, ARFF Index B NOTAM FILE CHO

H-10H, 12H, L-26K, 36H

RWY 03-21: H6001X150 (ASPH-GRVD) S-100, D-160, ST-175, DT-300 HIRL 0.3% up SW

IAP, AD

RWY 03: MALSR.

RWY 21: REIL. VASI(V4L)—GA 3.0°TCH 50'.

AIRPORT REMARKS: Attended 1100-0400Z±. Deer and birds on and
 invof arpt. PPR 8 hrs for unscheduled air carrier ops with more
 than 9 passenger seats between 0400-1100Z±, call arpt
 manager 434-981-4152. When twr clsd HIRL Rwy 03-21 and twy
 lgts preset low ints and REIL Rwy 21 unavbl. To increase ints HIRL
 Rwy 03-21 and twy lgts and ACTIVATE MALSR Rwy 03—CTAF.
 VASI Rwy 21 not monitored. REIL not monitored. Landing fee only
 for acft over 7000 lbs. Wheeled helicopters are requested to
 ground taxi when transiting arpt.

WEATHER DATA SOURCES: ASOS 118.425 (434) 973-5024.

COMMUNICATIONS: CTAF 124.5 ATIS 118.425 UNICOM 122.95

CHARLOTTESVILLE RCD 122.65 122.2 (LEESBURG RADIO)

Ⓡ **POTOMAC APP/DEP CON** 132.85

TOWER 124.5 (1100-0400Z±) **GND CON** 121.9

AIRSPACE: CLASS D svc 1100-0400Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

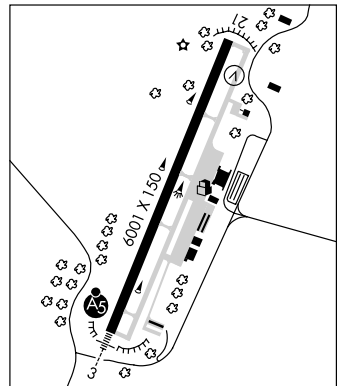
GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82'

W78°09.18' 304° 16.1 NM to fld. 382/06W. HIWAS.

AZALEA PARK NDB (MHW) 336 AZS N38°00.61' W78°31.09' 030° 8.3 NM to fld. NOTAM FILE CHO.

NDB unmonitored when twr clsd.

ILS 111.7 I-CHO Rwy 03. Class IA. LOC/GS unmonitored when twr closed.



CHASE CITY MUNI (CXE) 2 W UTC-5(-4DT) N36°47.30' W78°30.09'

503 B TPA 1303 (800) NOTAM FILE DCA

RWY 18-36: H3400X50 (ASPH) S-12.5 LIRL 0.5% up N

RWY 18: TRCV(TRIL). Road. RWY 36: TRCV(TRIL). Tree.

AIRPORT REMARKS: Unattended. Deer on and in/ovf arpt. Rwy 18 TRCV

OTS indef. Rwy 36 TRCV OTS indef.

COMMUNICATIONS: CTAF 122.9

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

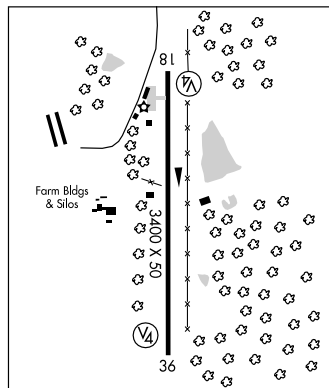
SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50'

W79°00.87' 079° 25.7 NM to fld. 530/05W.

WASHINGTON

L-36G

IAP



CHESAPEAKE RGNL (See NORFOLK)

CHESI N36°35.99' W76°22.91' NOTAM FILE ORF.

NDB (MHW/LOM) 233 EY 046° 4.9 NM to Chesapeake Rgnl.

WASHINGTON

L-35D

CHESTER

MC LAUGHLIN (2G6) 6 E UTC-5(-4DT) N37°19.23' W77°20.75'

7 NOTAM FILE DCA

Not insp.

WASHINGTON

WATERWAY 05-23: 2500X150 (WATER)

SEAPLANE REMARKS: unattended.

COMMUNICATIONS: CTAF 122.9

CHESTERFIELD CO (See RICHMOND)

CLARKSVILLE

LAKE COUNTRY RGNL (W63) 2 S UTC-5(-4DT) N36°35.75' W78°33.61'

421 B TPA-1221(800) NOTAM FILE DCA

RWY 04-22: H4488X50 (ASPH) S-12.5 MIRL

RWY 04: Tree. RWY 22: Thld dsplcd 460'. Road.

AIRPORT REMARKS: Unattended.

COMMUNICATIONS: CTAF 122.9

WASHINGTON CENTER APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

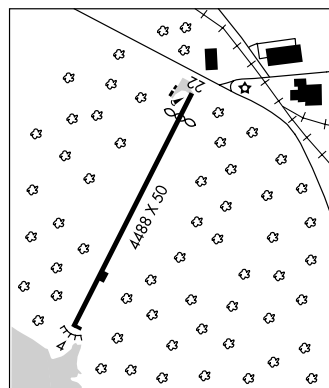
SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50'

W79°00.87' 107° 22.5 NM to fld. 530/05W.

WASHINGTON

L-36G

IAP



CREWE MUNI (W81) 1E UTC-5(-4DT) N37°10.86' W78°05.90'

WASHINGTON

420 B S2 FUEL 100LL NOTAM FILE DCA

L-36H

RWY 15-33: H3300X60 (ASPH) S-12 MIRL

RWY 15: APAP(PNIL)—GA 5.0° TCH 17'. Thld dsplcd 87'. Ground.

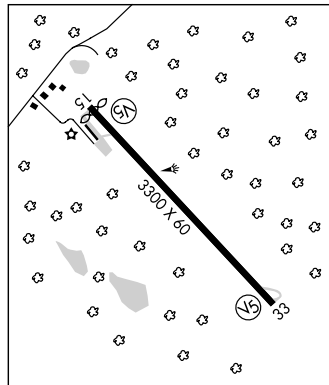
RWY 33: APAP(PNIL)—GA 3.0° TCH 8'. Tree.

AIRPORT REMARKS: Attended 1400-2200Z. Deer and turkey on and invof arpt. For airframe and power plant repairs call 804-645-9393. Rwy 15 APAP not lgtd. PNIL unavailable at night. Rwy 33 APAP not lgtd. PNIL unavailable at night. For MIRL Rwy 15-33 key CTAF 5 times on; 3 times off.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08' W77°54.18' 345° 23.7 NM to fld. 350/08W.



CULPEPER RGNL (CJR) 7 NE UTC-5(-4DT) N38°31.53' W77°51.58'

WASHINGTON

316 B S4 FUEL 100LL, JET A NOTAM FILE CJR

H-10H, 12H, L-29E, 34E, 36I, A

RWY 04-22: H5000X100 (ASPH) S-40 MIRL

IAP

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Fence.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Bldg.

AIRPORT REMARKS: Attended Nov-Apr 1300-2300Z, May-Oct 1300-0100Z. Deer on and invof arpt. ACTIVATE MIRL Rwy 04-22, REIL Rwy 04, PAPI Rwy 04, REIL Rwy 22, PAPI Rwy 22 and twy lgts—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.325 (540) 727-0523.

COMMUNICATIONS: CTAF/UNICOM 123.075

CASANOVA RCO 122.1R 116.3T (LEESBURG RADIO)

® **POTOMAC APP/DEP CON** 124.65

GCO 135.075 (POTOMAC CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

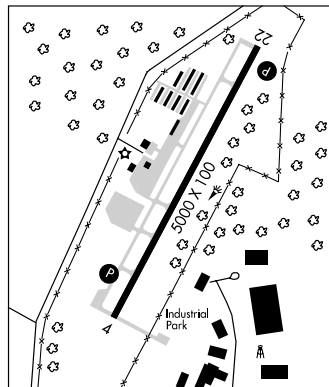
CASANOVA (H) VORTAC 116.3 CSN Chan 110 N38°38.47'

W77°51.93' 184° 6.9 NM to fld. 439/06W.

NAILR NDB (MHW) 351 MSQ N38°27.26' W77°54.32'

037° 4.8 NM to fld.

ILS 109.95 I-DZH Rwy 04. LOC only.



DANVILLE RGNL (DAN) 3 E UTC-5(-4DT) N36°34.37' W79°20.17'

CINCINNATI

571 B S2 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE DAN

H-9C, 12H, L-26J, 36G

RWY 02-20: H6500X150 (ASPH-GRVD) S-90, D-130, ST-165 HIRL 0.4% up N

IAP

RWY 02: MALSR. PAPI(P4L)—GA 3.0°TCH 54'.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 900'. Tree.

RWY 13-31: H4020X100 (ASPH) S-90, D-130, ST-165

MIRL 1.1% up NW

RWY 13: REIL. VASI(V2L)—GA 3.0°. Tree.

RWY 31: REIL. VASI(V2L)—GA 3.0°. Road.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 02: TORA-6500 TODA-6500 ASDA-5600 LDA-5600

RWY 20: TORA-6500 TODA-6500 ASDA-6500 LDA-5600

AIRPORT REMARKS: Attended Mon-Fri 1100-0200Z†, Sat-Sun

1200-0000Z†. Arpt unattended Christmas Day. Rwy 02-20

cracks in pavement. Birds and deer on and invof arpt. Trees penetrating 7:1 transitional sfc of Rwy 31 both sides, first 1000'.

Ctc arpt administration prior to conducting specialized aero activities 434-799-5110. TPA-1371 (800) lgt aircraft, 2071 (1500) turbine aircraft. Rwy 02 is designated calm wind rwy.

ACTIVATE HIRL Rwy 02-20; MIRL Rwy 13-31; REIL Rws 13 and 31 and 20; MALSR Rwy 02; VASI Rws 13 and 31; PAPI Rws 02 and 20—CTAF.

WEATHER DATA SOURCES: ASOS 128.125 (434) 799-1701.

COMMUNICATIONS: CTAF/UNICOM 123.05

RCO 122.2 (LEESBURG RADIO)

® **WASHINGTON CENTER APP/DEP CON** 124.05

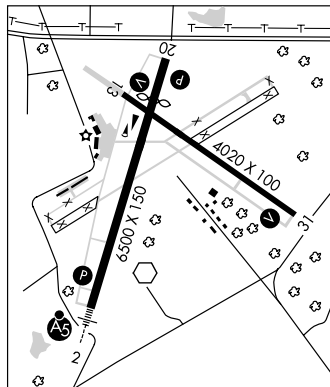
AIRSPACE: CLASS E svc effective 1100-0300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 254° 16.7 NM to fld. 530/05W.

(L) **VOR** 113.1 DAN N36°34.13' W79°20.20' at fld. NOTAM FILE DAN.

ILS 110.7 I-DAN Rwy 02. Class IE. ILS unmonitored.



DAVEE N38°39.80' W77°06.58' NOTAM FILE DCA.

WASHINGTON

NDB (MHW/LOM) 223 DA 322° 4.6 NM to Davison AAF (Fort Belvoir). Opr Mon-Fri 1000-0130Z† except holidays.

L-29E, 34E, 36I

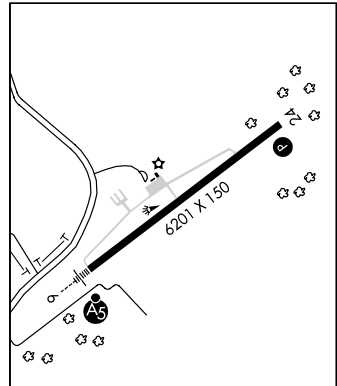
DAVISON AAF (FORT BELVOIR) (DAA)(KDA) A (ARNG) 3 NW UTC-5(-4DT) **WASHINGTON COPTER**
 N38°42.90' W77°10.86' **H-10H, 12I, L-29E, 34E, 36I, A**
 73 B TPA-See Remarks NOTAM FILE DCA Not insp. **DIAP**
RWY 14-32: H5618X74 (ASPH) PCN 27 F/A/W/T HIRL 0.4% up NW
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 59'. Thld dsplcd 600'. **RWY 32:** MALSF. REIL. Thld dsplcd 900'.
MILITARY SERVICE: LGT When twr clsd HIRL Rwy 14-32 preset med ints. **FUEL** J8. Avbl Mon-Fri 1130-0330Z†, weekends and holidays, 1300-2200Z†, other times 2 hr PPR.
OIL O-123-128-148-156.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Official Business Only. PPR 24 hr notice for all non DAA based acft. ctc Base Ops weekdays 1200-2100Z†, DSN 656-7683/7682, C703-806-7682/7683. 24 hr PPR NVESD ramp, DSN 656-7675/7676, C703-806-7675/7676. **CAUTION** Expect shear/crosswind shift touch down zone Rwy 32 during SW-NW wind. Bird and deer hazard. **TFC PAT** TPA-Fixed wing SW 1500(1427), rotary wing NE 1100(1027). **NS ABTMT** Twr will advise of restriction to engine run up, tkf and ldg between Mon-Sat 0300-1300Z†, Sun and holidays 2200-1700Z†. Multiple practice instrument apch or tfc pat work are only authorized Mon-Sat 1300-0300Z†, Sun and holidays 1700-0300Z†. **MISC** With control twr/opr approval, dep acft may use rwy app end overrun for tkf roll. Wx obsn augmented/back-up as reg Mon-Fri 1030-0230Z† exc holidays. Auto voice obsn continuous DSN 656-7313. Wx forecast Mon-Fri 1100-0230Z†, exc holidays, other times remote briefing svc avbl 15th OWS, Scott AFB DSN 576-9755, C618-256-9755, fax extension 4855 or https://ows.scott.af.mil. See VFR-S for Pentagon Heliport. **ARNG** Opr 24/7.
COMMUNICATIONS: CTAF 126.3 **ATIS** 128.175 230.0 (Mon-Fri 1100-0230Z†, excluding holidays) **PTD** 139.4 34.1 (VIP arr ctc Base OPS 15 min prior to ldg.)
POTOMAC APP CON 119.85 322.3 **GND CON** 121.9 245.2
TOWER 126.3 229.4 241.0 (Mon-Fri 1100-0230Z†, excluding holidays) **CLNC DEL** 245.2
POTOMAC DEP CON 118.1 343.7
METRO PMSV 139.4 **BASE OPS** 139.4 34.1 **ARNG OPS** 52.75
AIRSPACE: CLASS D svc Mon-Fri 1100-0230Z†, excluding holidays other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08' W77°28.00' 142° 18.8 NM to fld. 297/8W.
DAVEE NDB (MHW/LOM) 223 DA N38°39.80' W77°06.58' 322° 4.6 NM to fld. NOTAM FILE DCA. Opr Mon-Fri 1000-0130Z† except holidays.
ILS 108.9 I-DAA Rwy 32. LOM DAVEE NDB.
ASR/PAR (Weekdays 1200-0000Z† excluding holidays, 2 hr PPR other times.)
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

HELIPAD 14-32: H450X50 (CONC)

DINWIDDIE CO (See PETERSBURG)

DUBLIN

NEW RIVER VALLEY (PSK) 2 N UTC-5(-4DT) N37°08.24' W80°40.71' **CINCINNATI**
 2105 B S2 **FUEL** 100LL, JET A NOTAM FILE PSK **H-10H, 12H, 6G, L-26I**
RWY 06-24: H6201X150 (ASPH) D-60 HIRL 0.5% up SW **IAP**
RWY 06: MALSR. Ground.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Brush.
AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z†, Sat-Sun 1400-2300Z†. Military contract fuel unavbl. Deer on and infov arpt. Customs service on airport. **ACTIVATE** HIRL Rwy 06-24, MALSR Rwy 06, REIL Rwy 24 and PAPI Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS-3 127.375 (540) 674-2731. **HIWAS** 116.8 PSK.
COMMUNICATIONS: CTAF/UNICOM 122.7
PULASKI RCO 122.3 122.1R 116.8T (LEESBURG RADIO)
ROANOKE APP/DEP CON 126.0 **ROANOKE CLNC DEL** 121.7
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26' W80°42.77' 031° 2.9 NM to fld. 2120/06W. **HIWAS**.
ILS 110.9 I-PSK Rwy 06. Class IA. ILS unmonitored during hours arpt unattended.



EAGLE'S NEST (See WAYNESBORO)

EMPORIA—GREENSVILLE RGNL (EMV) 3 E UTC-5(-4DT) N36°41.21' W77°28.97'

WASHINGTON

127 B FUEL 100LL, JET A TPA—See Remarks NOTAM FILE EMV

H-9C, 10H, 12H, L-36G

RWY 15-33: H5010X100 (ASPH) S-30, D-50, DT-85 MIRL 0.3% up N

IAP

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Road.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Road.

AIRPORT REMARKS: Attended 1400-2200Z†. Deer on and in/ovf arpt.

TPA—1127(1000) light acft, 1627(1500) heavy acft. ACTIVATE

MIRL Rwy 15-33, PAPI Rwy 15 and 33, and REIL Rwy 15 and

33—CTAF.

WEATHER DATA SOURCES: AWOS-3 124.175 (804) 434-0656.**COMMUNICATIONS:** CTAF/UNICOM 123.0

WASHINGTON CENTER APP/DEP CON 132.025

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

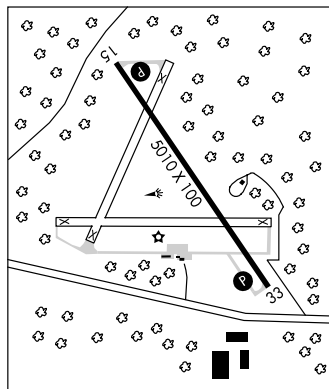
FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 275° 22.8 NM to fld. 90/09W.

NDB (MHW) 261 ELQ N36°37.08' W77°25.53' 336° 5.0 NM

to fld. NOTAM FILE DCA.

ILS 108.75 I-EMV Rwy 33. Localizer only.

**FALLS CHURCH** N38°54.20' W77°10.50'

WASHINGTON

RCO 122.6 122.2 (LEESBURG RADIO)

COPTER

L-29E, 34F

FALWELL (See LYNCHBURG)**FARMVILLE RGNL** (FVX) 4 NW UTC-5(-4DT) N37°21.45' W78°26.27'

WASHINGTON

416 B S2 FUEL 100LL, JET A NOTAM FILE FVX

L-36H

RWY 03-21: H4400X75 (ASPH) S-12.5 MIRL

IAP

RWY 03: PAPI(P2L)—GA 3.0° TCH 52'. Tree.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 52'. Trees.

AIRPORT REMARKS: Attended 1330-2200Z†. Deer on and in vicinity of

arpt. Possible unmanned aerial vehicle operating 5 NM radius

Farmville Arpt 3000' AGL and blo. Rwy 03-21 MIRL preset low

ints; to increase ints ACTIVATE—CTAF.

WEATHER DATA SOURCES: AWOS-3 132.725 (434) 392-9718.**COMMUNICATIONS:** CTAF/UNICOM 122.8

® WASHINGTON CENTER APP/DEP CON 135.4

GCO 135.075 (WASHINGTON CENTER and FLIGHT SERVICES)

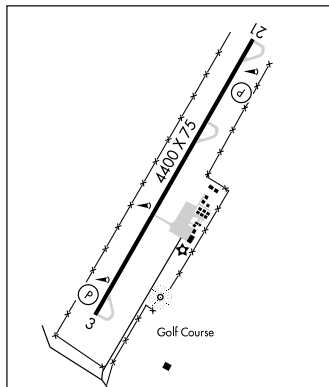
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

FLAT ROCK (H) VORTAC 113.3 FAK Chan 80 N37°31.71'

W77°49.69' 257° 30.9 NM to fld. 460/06W.

NDB (MHW) 367 FVX N37°21.18' W78°26.28' at fld. NOTAM

FILE FVX. Unmonitored when arpt unattended.

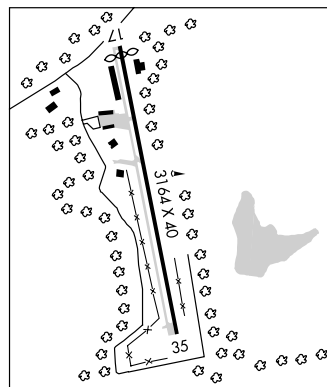


FELKER AAF (FORT EUSTIS) (FAF)(KFAF) A O N UTC-5(-4DT) N37°07.95' W76°36.53' **WASHINGTON**
 11 B TPA-See Remarks NOTAM FILE DCA Not insp. **L-34E, 35D, 36H**
RWY 14-32: H3020X75 (ASPH) PCN 13 F/B/Y/T HIRL **DIAP**
RWY 14: ODALS. PVASI(P SIL). Rgt tfc. **RWY 32:** PVASI(P SIL).
MILITARY SERVICE: LGT ACTIVATE HIRL RWY 14-32, PSIL RWY 14 and RWY 32-CTAF. ODALS RWY 14 controlled by twr.
JASU 2(AGPU) FUEL J8. TRAN ALERT Svc avbl Mon-Fri 1100-2100Z except Federal holidays.
MILITARY REMARKS: Base OPS Mon-Fri 1200-2200Z except holidays, DSN 826-3588/2584,
 C757-878-3398/3588. **RSTD** Acft entering from south-southeast maximum altitude 500' due to instrument apch
 into Newport News/Williamsburg Arpt. No hazardous Cargo Area avbl. **CAUTION** Deer and bird hazard. No overflight
 main post. Eagle Management Area 1 NM south AER 32 at east shore James River and Morrison Creek. Avoid
 over flight blo 1000' and 750' horizontally. No fly area 1.6 NM SE RWY 32 to include entire peninsula. **TFC PAT**
 TPA-Fixed wing 999(988), rgt tfc RWY 14. Rotary wing 499(488). **MISC** Wx forecast on duty Mon-Fri
 1030-0400Z except holidays. C757-878-5300, DSN 826-5300, (fax) DSN 826-2817. Remote briefing avbl
 from 15 OWS Scott AFB, IL, DSN 576-9755/9702, C618-256-9755/9702, (fax) DSN 576-4855
<http://ows.scott.af.mil>. Wx obsn avbl 24 hrs at <http://160.138.118.174/pv/localtop.htm> or C757-878-5314.
 Supplemented Wx obsn avbl as rqr 1100-0400Z Mon-Fri exp exc federal holidays. Prevailing visibility may not
 be representative of entire airfield due to tree/bldg obstruction ½ SM NW-NE, ¼ to ¾ SM all other quads on
 auto obsn. Wind speeds may not be representative of entire airfield due to bldg obstruction to NE. RVR reporting
 capabilities not avbl. ATC will assist in cooperative wx watch (CWW) by notifying forecaster of unreported wx
 conditions. When twr and/or surface visibility is blo 4 SM, the lesser value is reported as prevailing during
 supplemented wx obsn. FAA Leesburgh FSS C800-992-7433. Heli-deck marking located north of and adjacent
 to the approach of RWY 14.
COMMUNICATIONS: CTAF 126.3
(R) NORFOLD APP/DEP CON 125.7 335.625
TOWER 126.3 269.25 (Mon-Fri 1200-0400Z except Federal holidays) **GND CON** 121.35 229.4
PMSV METRO 134.1 (Monitored Mon-Fri 1000-2200Z except holidays. Maximum range 30 NM.)
BASE OPS 134.1
AIRSPACE: CLASS D svc Mon-Fri 1200-0400Z, except Federal holidays, other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NDB (MHW) 226 FAF N37°08.33' W76°37.11' at fld. Unmonitored when twr clsd. Unusable byd 20 NM.

FLAT ROCK N37°31.71' W77°49.69' NOTAM FILE DCA. **WASHINGTON**
(H) VORTAC 113.3 FAK Chan 80 122° 16 NM to Chesterfield Co. 460/06W. **H-10H, L-36H**
 VOR portion unusable:
 111°-169° byd 30 NM
 111°-169° blo 2600'
 274°-337°
RCO 122.1R 113.3T (LEESBURG RADIO)

FOREST

NEW LONDON (W90) 6 SW UTC-5(-4DT) N37°16.31' W79°20.15' **CINCINNATI**
 849 S2 **FUEL** MOGAS, 100LL NOTAM FILE DCA **L-26J**
RWY 17-35: H3164X40 (ASPH)
RWY 17: Thld dsplcd 115'. Ground.
RWY 35: Trees.
AIRPORT REMARKS: Attended 1430-2300Z. Parachute Jumping.
 Ultralgt acft on and invof arpt. Rwy used as drag strip on Sundays
 summer months. NOTAMED when arpt CLOSED.
COMMUNICATIONS: CTAF/UNICOM 122.8
(R) ROANOKE APP/DEP CON 125.47 (East of LYH VORTAC) 135.0 (West of
 LYH VORTAC)
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28'
 W79°14.19' 287° 4.9 NM to fld. 880/05W. **HIWAS.**



FORT A P HILL (See A P HILL)

FORT BELVOIR (See DAVISON AAF)

FORT LEE HELIPAD NR 3 (VA39) A O S UTC-5(-4DT) N37°15.01' W77°19.98'

WASHINGTON

100 NOTAM FILE DCA

Not insp.

L-36H

HELIPAD 36: H40X40 (CON)

DIAP

MILITARY SERVICE: LGT Key 126.2 3 times for boundary lgt, auto turn-off after 15 min.**MILITARY REMARKS:** RSTD 24 HR PPR DSN 687-6421. **CAUTION** Parachute jumping 2 NM NW. Small arms range 1 NM NW. Avoid overflight of asph compound 1 NM WNW. **MISC** Avoid overflight of national park and base housing areas adjacent to Fort Lee Reservation. Make advisory of ldg and tkr on 126.2.**COMMUNICATIONS:**

® POTOMAC APP/DEP CON 126.4 282.375 MEDIVAC 32.5 (KENNER)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73' W77°06.96' 252° 11.4 NM to fld. 70/6W. HIWAS.

FORT EUSTIS (See FELKER AAF)**FRANKLIN** N36°42.85' W77°00.74' NOTAM FILE FKN.

WASHINGTON

(L) VORTAC 110.6 FKN Chan 43 109° 5.3 NM to Franklin Muni-John Beverly Rose.

H-9C, H-10H, L-35C, 36H

90/09W.

VOR portion unusable:

090°-119° byd 18 NM blo 2000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

DME unusable:

90°-139°

RCO 122.1R 110.6T (LEESBURG RADIO)

FRANKLIN MUNI-JOHN BEVERLY ROSE (FKN) 2 NE UTC-5(-4DT)

WASHINGTON

N36°41.89' W76°54.23'

L-35C, 36H

41 B S4 FUEL 100LL, JET A TPA-See Remarks NOTAM FILE FKN

IAP

RWY 09-27: H4977X100 (ASPH) MIRL

RWY 09: PAPI(P2L)-GA 3.0°. TCH 46'. Brush.

RWY 27: PAPI(P2L)-GA 2.5°. Brush.

AIRPORT REMARKS: Attended 1300-2200Z±. Possible tkr from the Southampton Memorial Helipad 2 NM west of arpt. Deer on and in/ov arpt. Drainage ditches next to rwy and twys. **ACTIVATE** MIRL Rwy 09-27-CTAF. TPA-841(800) light acft, 1541(1500) heavy acft.**WEATHER DATA SOURCES:** AWOS-3 124.675 (757) 562-8765. Ceiling unreliable.**COMMUNICATIONS:** CTAF/UNICOM 122.8

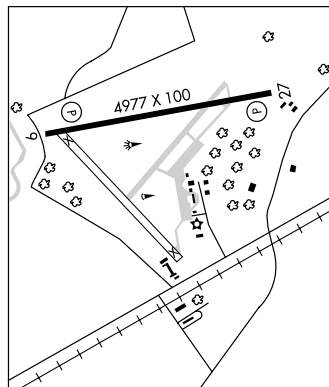
® NORFOLK APP/DEP CON 127.9

GCO 135.075 (NORFOLK CLNC) GCO unreliable indef.

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 109° 5.3 NM to fld. 90/9W.



FREDERICKSBURG**SHANNON** (EZF) 2 S UTC-5(-4DT) N38°15.97' W77°26.96'

85 B S4 FUEL 100LL, JET A NOTAM FILE EZF

RWY 06-24: H2999X100 (ASPH) MIRL

RWY 06: PVASI(PSIL). Thld dsplcd 240'. Railroad.

RWY 24: PVASI(PSIL). Thld dsplcd 35'. Tree.

RWY 15-33: 1500X150 (TURF)

RWY 15: Tree. RWY 33: Tree.

AIRPORT REMARKS: Attended 1300-2300Z† Self-fueling. Tkf from Rwy 15 prohibited. Rwy 15-33 outlined with yellow cones. PVASI Rwy 06 OTS indef. ACTIVATE MIRL Rwy 06-24—CTAF. Fee for charter and corporate acft is waived with fuel purchase.

WEATHER DATA SOURCES: AWOS-3 128.125 (540) 372-6794. Ceiling unreliable indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

BROOKE RCO 122.1R 114.5T (LEESBURG RADIO)

Ⓡ **QUANTICO ARRIVAL** 127.05 (Mon and Fri 1300-2200Z†, Tue, Wed and Thu 1300-0200Z† except Sat, Sun and holidays, other times etc

Ⓡ **POTOMAC APP/DEP CON** 124.65

GCO 135.075 (POTOMAC CLNC) OTS indef.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

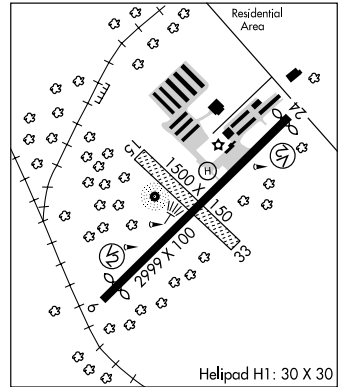
BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18'

W77°21.18' 236° 6.2 NM to fld. 145/09W.

NDB (MHW) 237 EZF N38°15.98' W77°27.05' at fld. NOTAM FILE EZF. Unmonitored when arpt unattended. Unusable byd 15 NM.

• • • • •
HELIPAD H1: H30X30 (CONC)

WASHINGTON
 L-29E, 34E, 36I, A
 IAP

**FRONT ROYAL—WARREN CO** (FRR) 3 W UTC-5(-4DT) N38°55.05' W78°15.21'

709 B S2 FUEL 100LL TPA—1709(1000) NOTAM FILE DCA

RWY 09-27: H3007X75 (ASPH) S-12.5 MIRL 0.3% up E

RWY 09: APAP(PNIL)—GA 3.0° TCH 16'. Road.

RWY 27: APAP(PNIR)—GA 3.0° TCH 16'. Tree.

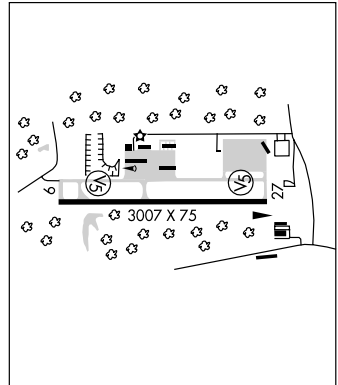
AIRPORT REMARKS: Attended May-Sept 1300-2330Z†, Oct-Apr 1330Z†-dusk. Deer on and invof arpt. Glider ops on and invof arpt. Rwy 09 and Rwy 27 rgt tfc for gyrocopters, ultralights and gliders. Noise abatement procedures in effect, ctc arpt manager for details at 540-635-3570. ACTIVATE MIRL Rwy 09-27—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0Ⓡ **POTOMAC APP/DEP CON** 120.45**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.

LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26'

W78°12.33' 335° 4.4 NM to fld. 2440/06W.

WASHINGTON
 L-29D, A
 IAP



GALAX/HILLSVILLE

TWIN CO (HLX) 7 NE UTC-5(-4DT) N36°45.97' W80°49.41'

CINCINNATI

2693 B S6 FUEL 100LL JETA NOTAM FILE HLX

L-26I

RWY 01-19: H4204X75 (ASPH) S-12.5 MIRL 1.2% up S

IAP

RWY 01: REIL. PAPI(P4L)—GA 3.0° TCH 21'. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Pole.

AIRPORT REMARKS: Attended irregularly. Self-svc, credit card fuel avbl

24 hrs. Deer on and invof arpt. Rwy 19 tree 76' above rwy end,

1000' from rwy end, 344' right. MIRL Rwy 01-19 preset low ints,

to increase ints and ACTIVATE REIL Rwy 01 and Rwy 19—CTAF.

PAPI Rwy 01 and Rwy 19 opr continuously.

WEATHER DATA SOURCES: AWOS-3 118.375 (276) 728-5897.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROANOKE APP/DEP CON 126.0

GCO 135.075 (ROANOKE CLNC)

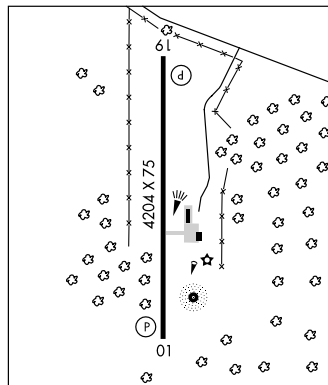
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26'

W80°42.77' 202° 20 NM to fld. 2120/06W. HIWAS.

HILLSVILLE NDB (MHW) 269 HLX N36°45.74' W80°49.32'

at fld. NOTAM FILE HLX. Unusable byd 10 NM. Unmonitored.



GLADE SPRING N36°49.51' W82°04.74' NOTAM FILE DCA.

CINCINNATI

(L) VOR/DME 110.2 GZG Chan 39 045° 19.7 NM to Tazewell Co. 4200/02W. HIWAS.

H-9B, 12G, L-26I

VOR portion unusable 351°-004° byd 15 NM blo 8000'.

RCO 122.1R 110.2T (LEESBURG RADIO)

GORDONSVILLE N38°00.82' W78°09.18' NOTAM FILE DCA.

WASHINGTON

(H) VORTAC 115.6 GVE Chan 103 002°8.6 NM to Gordonsville Muni. 382/06W.

H-10H, 12H, L-34E, 36H

HIWAS.

DME unusable:

090°-095°

318°-324°

156°-169° byd 18 NM

RCO 122.1R 115.6T (LEESBURG RADIO)

GORDONSVILLE MUNI (GVE) 3 NE UTC-5(-4DT) N38°09.36' W78°09.95'

WASHINGTON

454 B S2 FUEL 100LL NOTAM FILE DCA

RWY 05-23: H2300X40 (ASPH) S-12.5 MIRL 0.5% up SW

RWY 05: APAP(PNIR). Tree.

RWY 23: APAP(PNIR). Thld displcd 440'. Tree.

AIRPORT REMARKS: Unattended. Rwy 05-23 old crackseal six inches

wide in places, very soft. Rotating bcn OTS indef. ACTIVATE MIRL

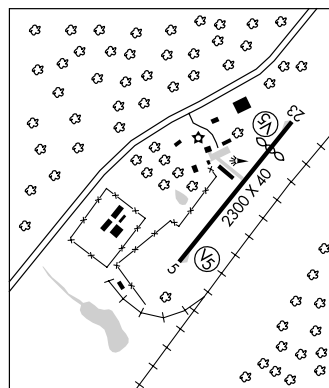
Rwy 05-23—CTAF.

WEATHER DATA SOURCES: HIWAS 115.6 GVE.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 115.6T (LEESBURG RADIO)

Ⓡ POTOMAC APP/DEP CON 132.85



GRUNDY MUNI (GDY) 3 SW UTC-5(-4DT) N37°13.94' W82°07.50'

CINCINNATI

2304 B NOTAM FILE DCA

L-261

RWY 04-22: H2256X60 (ASPH) S-7 MIRL

IAP

RWY 04: APAP(PNIL). Tree.

RWY 22: APAP(PNIL). Tree.

AIRPORT REMARKS: Unattended. Wildlife invof arpt. Pay phone at arpt
276-935-8022. ACTIVATE MIRL Rwy 04-22-CTAF; high ints
only.

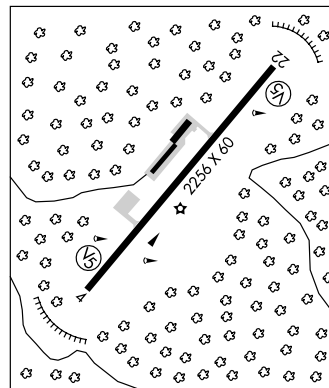
COMMUNICATIONS: CTAF/UNICOM 123.0

® **INDIANAPOLIS CENTER APP/DEP CON** 126.575

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51'

W82°04.74' 357° 24.5 NM to fld. 4200/02W. **HIWAS.**



HAMPTON ROADS EXECUTIVE (See NORFOLK)

HANOVER CO MUNI (See RICHMOND/ASHLAND)

HARCUM N37°26.92' W76°42.68' NOTAM FILE DCA.

WASHINGTON

(L) **VORTAC** 108.8 HCM Chan 25 338° 5.0 NM to Middle Peninsula Rgnl. 8/07W.

H-10H, 12H, L-34E, 36H

VOR portion unusable 056°-095° below 2000', 275°-300° below 2000'.

RCO 122.1R 108.8T (LEESBURG RADIO)

HENRY N37°07.97' W76°29.59' NOTAM FILE DCA.

WASHINGTON

NDB (MHW) 375 PJS at Newport News/Williamsburg Intl.

L-34E, 35D, 36H

HILLSVILLE N36°45.74' W80°49.32' NOTAM FILE HLX.

CINCINNATI

NDB (MHW) 269 HLX at Twin Co. Unusable byd 10 NM. Unmonitored.

L-261

HOLSTON MOUNTAIN, TN N36°26.22' W82°07.78' NOTAM FILE TRI.

CINCINNATI

(L) **VORTAC** 114.6 HNV Chan 93 021° 15.7 NM to Virginia Highlands. 4321/04W.

H-9B, L-261

RCO 122.1R 114.6T (NASHVILLE RADIO)

HOPEWELL N37°19.73' W77°06.96' NOTAM FILE DCA.

WASHINGTON

(L) **VORTAC** 112.0 HPW Chan 57 003° 10.5 NM to New Kent Co. 70/06W. **HIWAS.**

H-10H, 12H, L-34E, 36H

RCO 122.1R 112.0T (LEESBURG RADIO)

HOT SPRINGS**INGALLS FLD**

(HSP) 3 S UTC-5(-4DT) N37°57.09' W79°50.03'

3793 B FUEL 100LL, JET A NOTAM FILE HSP

RWY 07-25: H5600X100 (ASPH-PFC) S-65, D-160, ST-175 HIRL 0.5% up SW

RWY 07: PAPI(P4R)—GA 3.0° TCH 46'. Ground.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 58'.

AIRPORT REMARKS: Attended Nov-Mar 1400-2200Z, Apr-Oct Mon-Fri 1300-2300Z, Sat-Sun 1300-2300Z. Wildlife, including bear on and in/ov arpt. Be advised low pass to check/clear wildlife when arpt unattended. ACTIVATE HIRL Rwy 07-25, PAPI Rws 07 and 25, REIL Rwy 25 and twy lgtS—CTAF. Ldg fee. Ldg fee waived for fuel purchase multi engine acft only.

WEATHER DATA SOURCES: AWOS-3 118.8 (540) 839-5974.**COMMUNICATIONS:** CTAF/UNICOM 123.0

® WASHINGTON CENTER APP/DEP CON 134.4

AIRSPACE: CLASS E svc 1500-2300Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.

MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03'

W79°06.41' 280° 34.7 NM to fld. 3460/05W.

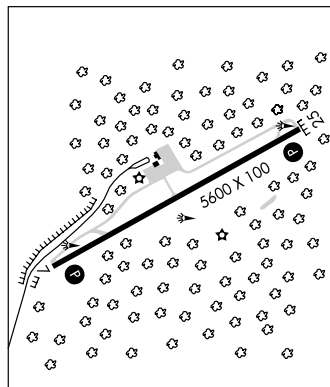
ILS 108.7 I-HSP Rwy 25. ILS unmonitored

0200-1230Z. GS unusable blo 4030'.

CINCINNATI

H-10H, 12H, L-26J

IAP

**HUMMEL FLD** (See SALUDA)**INGALLS FLD** (See HOT SPRINGS)**INGLE** N36°50.43' W76°15.08' NOTAM FILE ORF.

NDB (LOM) 329 OR 046°4.1 NM to Norfolk Intl.

JONES N36°36.87' W78°03.19' NOTAM FILE AVC.

NDB (MHW) 373 AEA 008°4.4 NM to Mecklenburg-Brunswick Rgnl.

WASHINGTON

L-36G

JONESVILLE**LEE CO**

(ØVG) 5 SW UTC-5(-4DT) N36°39.25' W83°13.07'

1411 B TPA-2411(1000) NOTAM FILE DCA

RWY 07-25: H5000X75 (ASPH) S-30 MIRL 0.9% up NE

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended on call. After hours call 276-346-2075 or 276-346-3051. ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07 and Rwy 25, and REIL Rwy 07 and Rwy 25—CTAF.

COMMUNICATIONS: CTAF 122.9

® ATLANTA CENTER APP/DEP CON 127.85

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

HAZARD (L) VOR/DME 111.2 AZQ Chan 49 181° 44.2 NM to fld. 1247/04W. DME unusable byd 25 NM blo 4500'.

CINCINNATI

H-9B, 12G, L-25B

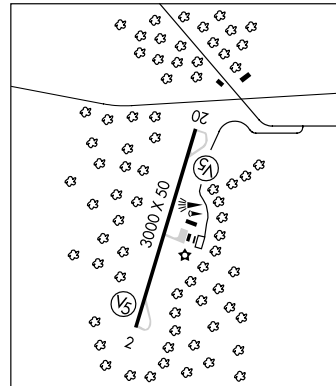
IAP

KENBRIDGE**LUNENBURG CO** (W31) 3 W UTC-5(-4DT) N36°57.61' W78°11.10'**WASHINGTON****L-366**

526 B NOTAM FILE DCA

RWY 02-20: H3000X50 (ASPH-AFSC) S-12.5 LIRL**RWY 02:** APAP(PNIL)—GA 5.0° TCH 26'. Tree.**RWY 20:** APAP(PNIL)—GA 5.0° TCH 26'. Tree.**AIRPORT REMARKS:** Unattended. Deer on and invof arpt.**COMMUNICATIONS:** CTAF/UNICOM 122.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**LAWRENCEVILLE (L) VORTAC** 112.9 LVL Chan 76 N36°49.08'

W77°54.18' 310°16.0 NM to fld. 350/08W.

**LAKE ANNA** (See BUMPASS)**LAKE COUNTRY RGNL** (See CLARKSVILLE)

LANGLEY AFB (LFI)(KLFI) AF (NASA A) 3 N UTC-5(-4DT) N37°04.97' W76°21.63' **WASHINGTON**
 11 B TPA-See Remarks NOTAM FILE DCA Not insp. **H-101, 12H, L-35D**
RWY 08-26: H1000X150 (CONC-GRVD) PCN 77 R/C/W/T HIRL **IAP, DIAP, AD**
RWY 08: ALSF1. PAPI(P4L). **RWY 26:** MALSR. REIL. PAPI(P4L).
ARRESTING GEAR/SYSTEM
RWY 08: ← HOOK E5 (55' OVRN) HOOK BAK-12B(B) (1100')
 HOOK BAK 12-B(B) (1000') HOOK E5 (55' OVRN) → **RWY 26**
MILITARY SERVICE: LGT Rwy 08-26 thld lgt gated, mid 70' inoperative/removed. **A-GEAR** E5 active rwy dep end.
 BAK-12B(B) pendant cable always in place. BAK-12B extension. **JASU** 2(M32A-60) 2(MC11) 4(A/M 32A-86)
FUEL J8. Expect up to 1 hr delay. **FLUID** SP LHOX LOX **OIL** O-133-148-156 SOAP **TRAN ALERT** Opr
 weekdays 1030-0430Z, weekends and holidays 1200-0100Z. Follow Me svc avbl upon req. Expect
 progressive taxi to park. Fleet svc truck avbl but limited to VIP C-9, C-12, C-20, C-21, UC-35, VC-135 and
 E-4B (DV) acft only.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR ctc BASE OPS 1030-0430Z DSN
 574-2504, C757-764-2504. Only 1 fixed wing acft authorized from 1300-1400Z. ACC RSRs applied to ACC
 acft only. Transport/Distinguished Visitor acft ctc Base OPS 20 minutes prior ldg. **CAUTION** Intensive IFR and VFR
 high performance fighter tfc within the Class D Airspace: Extensive uncontrolled general aviation tfc blo 3000'
 over James River and Chesapeake Bay. Dep tfc do not exceed 1000' on climbout until dep end of rwy. Wx
 observation site limited 080°-250° due to building. ATC will relay twr prevailing visibility, sector visibility, local
 PIREP's or an occurrence of previously unreported wx conditions that could affect ops to wx flight. Wind shear
 conditions may exist on Rwy 26 through short final and touchdown, that are prevalent, undetectable and often
 unreported. Increased potential for hydroplaning due to excessive rubber build-up. Airfield grass cutting
 conducted from Mar-Nov, expect increased bird activity invof mowers. **TFC PAT** TPA-Overhead 3000(2989) at 5
 DME descending to 1500' by 3 DME, rgt break Rwy 26, left break Rwy 08. Rectangular 1000(989) rgt tfc Rwy
 26, left tfc Rwy 08. **NS ABTMT** Quiet hr weekdays 0330-1100Z, weekends and holidays 0330-1300Z, waivers
 DSN 574-5411. **MISC** Afld manager DSN 574-2508. DD Form 1801 rqr 90 min prior to estimated time of
 departure. Rwy 08-26 grooved. ACC fighter acft expect reduced rwy separation: Day/VFR, similar acft 3000',
 dissimilar type acft 6000'. Ngt 6000' all acft. Tran acft notify twr on initial ctc if reduced rwy separation is not
 desired. Afld Ops does not have ability to store COMSEC. Ctc Command Post DSN 574-5411, C757-764-5411
 for COMSEC storage. **A** Park, refuel and maintenance avbl on AF ramp. **NASA** All inbound to NASA side must
 coordinate in advance with NASA Flight Svc Ops DSN 574-3070, C757-864-3887. Svc not avbl for non-NASA
 acft. Twy J can only be used during daylight and VFR conditions as it does not have twy edge lgts and is restricted
 to acft with total wingspan of 80' or less and 100,000 lbs or less gross weight.
COMMUNICATIONS: SFA **ATIS** 270.1 **PTD** 141.75 376.2
 (R) **NORFOLK APP/DEP CON** 126.05 370.925 (010°-080°) 127.9 269.42 (180°-310°) 124.9 379.1 (311°-009°)
TOWER 125.0 253.5 **GND CON** 121.7 275.8 **CLNC DEL** 118.85 257.625
CONSOLIDATED COMD POST (Raymond 16) 251.25 311.0 (Have quick timing avbl 287.45.)
PMSV METRO 239.8(Wx) DSN 574-5908. Alternate PMSV is McGuire AFB. Full svc avbl Mon-Fri 1200-2200Z.
 Remote briefing svc avbl 9 OWS Shaw AFB DSN 965-0939 thru 0943, C 803-895-0939.
NASA OPS 123.375 310.4
RADIO AIDS TO NAVIGATION: NOTAM FILE LFI.
 (L) **TACAN** Chan 70 LFI (112.3) N37°05.13' W76°21.56' at fld. 11/10W. No NOTAM MP Tue and Thu
 1100-1300Z and 2300-0200Z.
 TACAN unusable:
 130-150° byd 22 NM blo 2,000' 305°-184° byd 9 NM blo 7,000'
 170°-180° byd 27 NM blo 2,000' 318°-305° byd 30 NM blo 3,000'
ILS 109.9 I-LFI Rwy 08. GS unusable for coupled apch blo 750'. No NOTAM MP Mon, Wed, Fri
 1100-1300Z and 2300-0200Z.
ILS 109.9 I-ABM Rwy 26. No NOTAM MP Mon, Wed, and Fri 1100-1300Z and 2300-0200Z.

LAWRENCEVILLE/BRUNSWICK MUNI (LVL) 3 E UTC-5(-4DT) N36°46.37' W77°47.66'

WASHINGTON

329 B FUEL 100LL NOTAM FILE DCA

L-366

RWY 18-36: H3020X50 (ASPH) S-12.5 MIRL 0.6% up S.

IAP

RWY 18: Trees. RWY 36: Trees.

RWY 06-24: 1890X70 (TURF) 1.7% up NE

RWY 06: Tree. RWY 24: Tree.

AIRPORT REMARKS: Attended 1300-2200Z. Rwy 06-24 tmpry CLOSED due to obstructions. Deer on and invof arpt. Rwy 06-24 marked with cones. ACTIVATE MIRL Rwy 18-36—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 112.9T (LEESBURG RADIO)

WASHINGTON APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(L) VORTAC 112.9 LVL Chan 76 N36°49.08'

W77°54.18' 125° 5.9 NM to fld. 350/08W.

VOR portion unusable:

090° byd 20 NM

090° blo 7000'

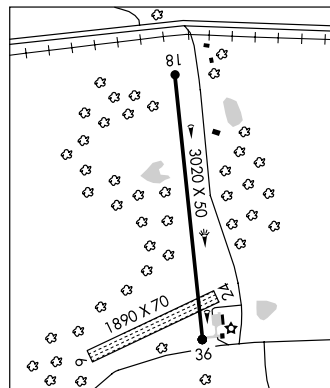
091°-105°

106° byd 27 NM

106° blo 7500'

107°-170°

171°-180° blo 6000'



201°-325° byd 17 NM blo 9000'

326°-089°

LEE CO (See JONESVILLE)**LEESBURG EXECUTIVE** (JYO) 3 S UTC-5(-4DT) N39°04.68' W77°33.45'

WASHINGTON

389 B S4 FUEL 100LL, JET A OX 4 TPA-1199(810) LRA NOTAM FILE JYO

COPTER

RWY 17-35: H5500X100 (ASPH) S-30, D-70 HIRL

H-10H, 12I, L-29E, 34F, A

RWY 17: ODALS(NSTD). REIL. PAPI(P4L)—GA 3.0° TCH 32'.

IAP

RWY 35: REIL. PAPI(P4R)—GA 3.0° TCH 32'. Trees.

AIRPORT REMARKS: Attended 1300-0100Z. For svc after hrs call 703-777-1540. For fuel and other line svcs contact arpt ops on frequency 132.0. Birds and deer on and invof arpt. Helicopter activity. Calm wind use Rwy 17. Ramp fence southwest side ramps lead-in lines on west ramp NA. PAEW on and invof arpt. Rwy 17 NSTD ODALS, 3 lgt configuration. ACTIVATE HIRL Rwy 17-35, ODALS Rwy 17, REIL Rwy 17 and Rwy 35 and PAPI Rwy 17 and Rwy 35—CTAF. Omni-directional REIL Rwy 17 and Rwy 35. US Customs avbl on req Mon-Fri 703-661-3632 extension 108/119 prior to 2200Z the preceding workday; after 2200Z or weekends 1-800-973-2867.

WEATHER DATA SOURCES: AWOS-3 125.225 (703) 777-3781.**COMMUNICATIONS:** CTAF/UNICOM 122.975

RCO 122.6 122.2 122.0 (LEESBURG RADIO)

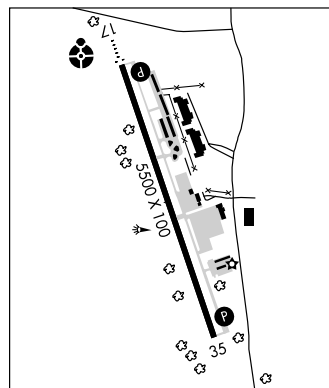
® POTOMAC APP/DEP CON 126.1 CLNC DEL 118.55 135.075

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARML (L) VORTAC 113.5 AML Chan 82 N38°56.08'

W77°28.00' 342° 9.6 NM to fld. 297/08W.

ILS/DME 111.75 I-JYO Chan 54Y Rwy 17. LOC only. LOC/DME unmonitored when arpt unattended.

COMM/NAV/WEATHER REMARKS: AWOS-3 Visibility/ceiling unreliable. Wind unreliable.**LINDEN** N38°51.26' W78°12.33' NOTAM FILE DCA.

WASHINGTON

(L) VORTAC 114.3 LDN Chan 90 335° 4.4 NM to Front Royal-Warren Co. 2440/06W.

COPTER

DME portion unusable:

115°-150° byd 20 NM blo 3500'

175°-200° byd 20 NM blo 5000'

150°-155° byd 20 NM blo 4000'

200°-225° byd 20 NM blo 5500'

155°-175° byd 20 NM blo 4500'

RCO 122.1R 114.3T (LEESBURG RADIO)

LONESOME PINE (See WISE)

LOUISA CO/FREEMAN FLD (LKU) 2 SE UTC-5(-4DT) N38°00.59' W77°58.21'

WASHINGTON

493 B S4 FUEL 100LL, JET A NOTAM FILE LKU

L-34E, 36H

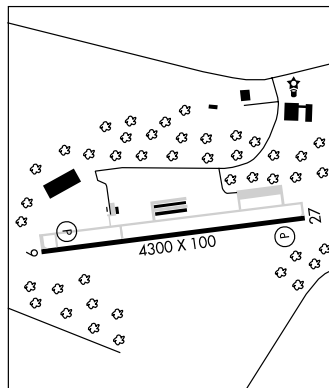
RWY 09-27: H4300X100 (ASPH) S-12.5 MIRL 0.6% up E

IAP

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree. Rgt tfc.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended Mon-Sat 1330-2200Z†. Sun and holidays 1500-2200Z†. Parachute Jumping. Deer on and invof arpt. MIRL Rwy 09-27 preset low ints, to increase ints and ACTIVATE REIL Rwys 09 and 27—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.475 (540) 967-1983.**COMMUNICATIONS:** CTAF/UNICOM 122.725® **POTOMAC APP/DEP CON** 132.85**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**GORDONSVILLE (H) VORTAC** 115.6 GVE Chan 103 N38°00.82'W78°09.18' 097° 8.7 NM to fld. 382/06W. **HIWAS.****ILS** 108.55 I-LKU Rwy 27. LOC only. Unmonitored.**LUNENBURG CO** (See KENBRIDGE)**LURAY CAVERNS** (W45) 2 W UTC-5(-4DT) N38°40.02' W78°30.04'

WASHINGTON

902 B S2 FUEL 100LL NOTAM FILE DCA

L-29D

RWY 04-22: H3125X75 (ASPH) S-12 MIRL

IAP

RWY 04: APAP(PNIL)—GA 3.0°. Tree.

RWY 22: APAP(PNIL)—GA 3.0°. Antenna. Rgt tfc.

AIRPORT REMARKS: Attended 1300-2300Z†. Deer and birds on and invof arpt. Taxi on hard surfaces only. ACTIVATE MIRL Rwy 04-22—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8® **WASHINGTON CENTER APP/DEP CON** 133.2**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**LINDEN (L) VORTAC** 114.3 LDN Chan 90 N38°51.26' W78°12.33' 237° 17.8 NM to fld. 2440/06W.

CAVERNS NDB (MHW) 245 LUA N38°41.97' W78°28.30' 224° 2.4 NM to fld. Unmonitored when arpt unattended. Unusable 209°-049° byd 15 NM; 050°-208° byd 10 NM.

LYNCHBURG**FALWELL** (W24) 3 SE UTC-5(-4DT) N37°22.68' W79°07.34'

CINCINNATI

939 S4 FUEL 100LL, JET A OX 1, 3, 4 TPA-1739(800) NOTAM FILE DCA

L-26K, 36G

RWY 10-28: H2932X50 (ASPH) MIRL 4.7% up W

IAP

RWY 10: Tree.

RWY 28: TRCV(TRIL).

AIRPORT REMARKS: Attended Apr-Oct 1200-0000Z†, Nov-Mar 1200-2300Z†. Land Rwy 28 (west) tkf Rwy 10 (east).**WEATHER DATA SOURCES:** HIWAS 109.2 LYH.**COMMUNICATIONS:** CTAF/UNICOM 123.0® **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)**RADIO AIDS TO NAVIGATION:** NOTAM FILE LYH.**LYNCHBURG (L) VORTAC** 109.2 LYH Chan 29 N37°15.28' W79°14.19' 042° 9.2 NM to fld. 880/05W.**HIWAS.**

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH) 5 SW UTC-5(-4DT)

CINCINNATI

N37°19.52' W79°12.03'

H-10H, 12H, L-26J, 36G

938 B S4 FUEL 100LL, JET A Class I, ARFF Index A NOTAM FILE LYH

IAP, AD

RWY 04-22: H7100X150 (ASPH-GRVD) S-90, D-108, ST-137,
DT-170 HIRL 0.6% up NE

RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Ground.

RWY 17-35: H3386X75 (ASPH) S-25, D-35, DT-55 MIRL

RWY 17: REIL. PAPI(P2L)—GA 4.0° TCH 20'.

RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 20'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7100 TODA-7100 ASDA-6800 LDA-6800

RWY 22: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

AIRPORT REMARKS: Attended 1000-0459Z†. Rwy 17-35 CLOSED to air carrier and acft over 12,500 lbs. PPR 12 hrs for unscheduled acft ops with more than 30 passenger seats. Call ARFF 434-582-1157. Twy G uncontrolled—not visible from tower. Twy G CLOSED to air carrier and acft over 12,500. Birds and other wildlife on and invof arpt. Rwy 17-35 CLOSED to air carrier or acft over 12,500 pounds without PPR. When twr clsd ACTIVATE HIRL Rwy 04-22; MALSR Rwy 04 and twy lgts—CTAF. MIRL Rwy 17-35; REIL Rwy 17 and Rwy 35 and PAPI Rwy 17 and Rwy 35 unavbl when twr clsd.

WEATHER DATA SOURCES: ASOS 119.8 (434) 239-0025

HIWAS 109.2 LYH. LAWRS.

COMMUNICATIONS: CTAF 127.65 ATIS 119.8 UNICOM 122.95

LYNCHBURG RCO 122.1R 109.2T (LEESBURG RADIO)

® **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)

TOWER 127.65 (1130-0330Z†) **GND CON** 121.9**AIRSPACE:** CLASS D svc 1130-0330Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LYH.

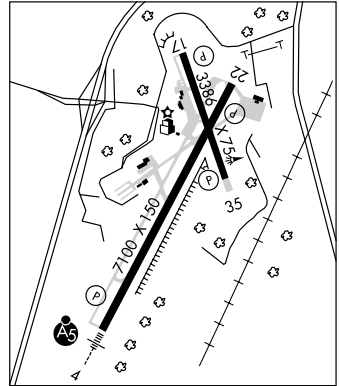
(L) VORTAC 109.2 LYH Chan 29 N37°15.28' W79°14.19' 027° 4.7 NM to fld. 880/05W. HIWAS.

VOR unusable 236°-241° within 20 NM blo 8000'.

VOR unusable 253°-257° within 20 NM blo 8000'.

BOJAR NDB (MHW/LOM) 385 LY N37°15.75' W79°14.60' 036° 4.4 NM to fld. NDB unmonitored when twr clsd.

ILS 110.1 I-LYH Rwy 04. Class IE LOM BOJAR NDB. Back course unusable. ILS unmonitored when twr clsd.



MANASSAS RGNL/HARRY P DAVIS FLD (HEF) 4 SW UTC-5(-4DT)

WASHINGTON

N38°43.29' W77°30.93'

COPTER

192 B S4 FUEL 100LL, JET A OX 1, 2, 4 TPA—See Remarks LRA

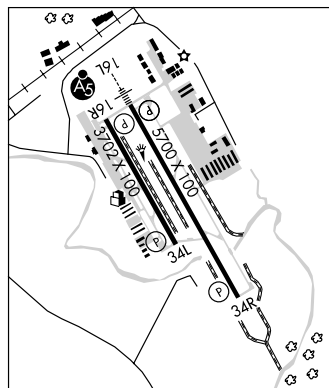
H-10H, 121, L-29E, 34E, 361, A

NOTAM FILE HEF

IAP, AD

RWY 16L-34R: H5700X100 (ASPH-GRVD) S-50, D-140 HIRL**RWY 16L:** MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 56'. Trees.**RWY 34R:** REIL. PAPI(P4L)—GA 3.0° TCH 45'. Rgt tfc.. Tree.**RWY 16R-34L:** H3702X100 (ASPH) S-12.5 MIRL**RWY 16R:** REIL. PAPI(P2L)—GA 3.0° TCH 50'. Rgt tfc. Tree.**RWY 34L:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

AIRPORT REMARKS: Attended 1130-0330Z†. Birds and deer on and in/ov arpt. Acft category C III or larger use Rwy 16L-34R and East ramp. Helicopter ops over residential areas blo 1000' should be avoided; ctc arpt manager 703-361-1882. TPA—1200(1008) single engine and light twin acft, 1500(1308) med twin and turboprop acft, 1000(808) helicopter. When twr clsd ACTIVATE HIRL Rwy 16L-34R, MALSR Rwy 16L, MIRL Rwy 16R-34L and REIL Rwy 16L, Rwy 34R, Rwy 16R, Rwy 34L—CTAF.

WEATHER DATA SOURCES: AWOS-3 125.175 (703) 361-6160**COMMUNICATIONS:** CTAF 133.1 ATIS 125.175 (703) 361-6160Ⓡ **POTOMAC APP/DEP CON** 124.65**TOWER** 133.1 (1130-0330Z†) **GND CON** 121.8**CLNC DEL** 120.2 (When twr clsd POTOMAC CLNC DEL 120.2)**AIRSPACE:** CLASS D svc effective 1130-0330Z† other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IAD.**ARML (L) VORTAC** 113.5 AML Chan 82 N38°56.08' W77°28.00' 199° 12.9 NM to fld. 297/08W.**TILLE NDB (LOM)** 346 IA N38°50.83' W77°26.27' 216° 8.4 NM to fld.**ILS** 109.1 I-HEF Rwy 16L.**MARION/WYTHEVILLE****MOUNTAIN EMPIRE** (MKJ) 9 NE UTC-5(-4DT) N36°53.69' W81°21.00'

CINCINNATI

2558 B S4 FUEL 100LL, JET A NOTAM FILE MKJ

H-9B, 126, L-261

RWY 08-26: H5252X75 (ASPH) S-20 MIRL 1.1% up W

IAP

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**RWY 26:** REIL. PAPI(P2L)—GA 3.75° TCH 47'. Road.

AIRPORT REMARKS: Attended Apr-Oct Mon-Fri 1230-0100Z†, Sat 1300-0000Z†, Sun 1800-0000Z†, Nov-Mar Mon-Fri 1230-0000Z†, Sat 1300-0000Z†, Sun 1800-0000Z†. Located 9 NM NE Marion. MIRL Rwy 08-26 preset low ints, ACTIVATE higher ints—CTAF.

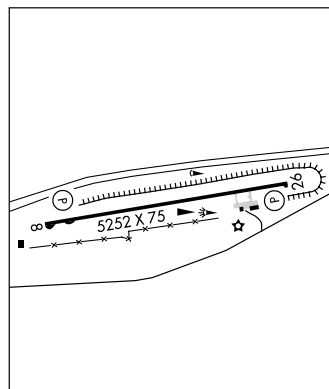
WEATHER DATA SOURCES: AWOS-3 123.875 (276) 686-6420.**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **ATLANTA CENTER APP/DEP CON** 132.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE PSK.**PULASKI (H) VORTAC** 116.8 PSK Chan 115 N37°05.26'W80°42.77' 256° 32.7 NM to fld. 2120/06W. **HIWAS.****SUZZE NDB (MHW/LOM)** 335 MK N36°55.21' W81°14.60' 260°

5.4 NM to fld. NOTAM FILE MKJ. Unmonitored when arpt

unattended.

ILS 110.5 I-MKJ Rwy 26. **LOM SUZZE NDB.** (LOC only.)

LOC unmonitored when arpt unattended.



MARTINSVILLE

BLUE RIDGE (MTV) 8 SW UTC-5(-4DT) N36°37.85' W80°01.10'
 941 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 NOTAM FILE MTV
RWY 12-30: H5002X100 (ASPH-GRVD) S-30, D-60 MIRL 0.6% up NW
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.
RWY 30: REIL. ODALS. PAPI(P4L)—GA 3.0° TCH 40'. Trees.
AIRPORT REMARKS: Attended 1300-2300Z. Deer on and in/ovf arpt.
 ACTIVATE MIRL Rwy 12-30, PAPI Rws 12 and 30, REIL Rwy 12
 and Rwy 30, and ODALS Rwy 30—CTAF.
WEATHER DATA SOURCES: AWOS-3 118.45 (276) 957-3784. OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.7

® GREENSBORO APP/DEP CON 124.35 CLNC DEL 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE GSO.

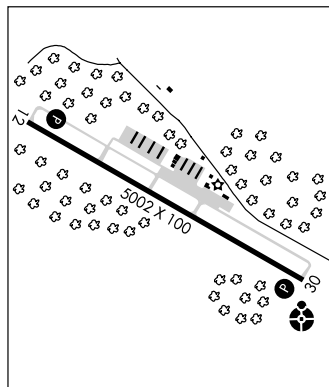
GREENSBORO (H) VORTAC 116.2 GSO Chan 109 N36°02.74'

W79°58.58' 360° 35.1 NM to fld. 879/03W. HIWAS.

BALES NDB (MHW/LOM) 396 UV N36°35.39' W79°55.04' 304°
 5.5 NM to fld. NOTAM FILE MTV. Unmonitored when arpt
 unattended.

ILS/DME 111.3 I-UMV Chan 50 Rwy 30. LOC only.

LOM BALES NDB. LOC/DME unmonitored when arpt unattended.



CINCINNATI

H-9B, 12G, L-26J
 IAP

MC LAUGHLIN SPB (See CHESTER)

MECKLENBURG-BRUNSWICK RGNL (See SOUTH HILL)

MELFA

ACCAMACK CO (MFV) 1 W UTC-5(-4DT) N37°38.81' W75°45.66'

47 B FUEL 100LL JET A+ TPA—See Remarks NOTAM FILE MFV

RWY 03-21: H5000X100 (ASPH) S-26 MIRL

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended May-Oct 1300-0100Z, Nov-Apr
 1300-2300Z. Self serve fuel (100LL and JET A+) avbl 24 hrs.
 Deer on and in/ovf arpt. TPA—897(850) light acft, 1547(1500)
 heavy acft. MIRL Rwy 03-21 preset low ints, increase ints and
 ACTIVATE REIL Rwy 03 and Rwy 21—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.175 (757) 787-5660.

COMMUNICATIONS: CTAF/UNICOM 122.8

® PATUXENT APP/DEP CON 127.95

GCO 135.075 (NORFOLK CLNC)

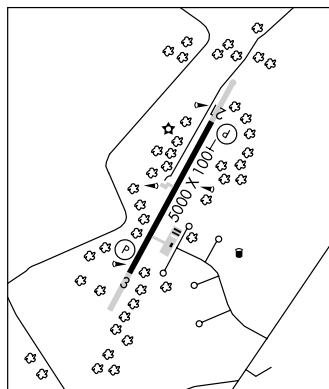
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CAPE CHARLES (L) VORTAC 112.2 CCV Chan 59 N37°20.85'

W75°59.86' 042° 21.2 NM to fld. 10/10W.

NDB (MHW) 336 BDB N37°34.22' W75°47.90' 032° 4.9 NM
 to fld.

ILS 110.15 I-MFV Rwy 03. LOC only.



WASHINGTON

H-101, 121, L-361
 IAP

MIDDLE PENINSULA RGNL (See WEST POINT)

MONETA**SMITH MOUNTAIN LAKE** (W91) 4 SE UTC-5(-4DT) N37°06.46' W79°35.55'

CINCINNATI

892 B S4 FUEL 100LL NOTAM FILE DCA

L-26J

RWY 05-23: H3058X50 (ASPH) MIRL 1.2% up NE

IAP

RWY 05: Thld dsplcd 250'. Tree. RWY 23: REIL. Tree.

AIRPORT REMARKS: Attended dalgth hours. Parachute Jumping. Deer on and invof arpt. Rwy 23 REIL out of svc indefinitely. Rwy 05-23 MIRL OTS indef.

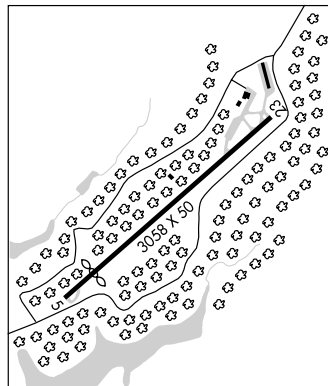
COMMUNICATIONS: CTAF/UNICOM 122.8

ROANOKE APP/DEP CON 135.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28'

W79°14.19' 248° 19.2 NM to fld. 880/05W. HIWAS.

**MONTEBELLO** N37°54.03' W79°06.41' NOTAM FILE DCA.

CINCINNATI

(L) VOR/DME 115.3 MOL Chan 100 030° 24.0 NM to Shenandoah Valley Rgnl.

H-10H, 12H, L-26J

3460/05W.

VOR portion unusable: 205°-220° byd 10 NM blo 6000'.

DME portion unusable:

061°-088° byd 35 NM blo 6000'

330°-335° byd 30 NM blo 6000'

114°-120° byd 28 NM blo 6500'

335°-001° byd 30 NM blo 7000'

154°-220° byd 28 NM blo 8000'

RC0 122.1R 115.3T (LEESBURG RADIO)

MOUNTAIN EMPIRE (See MARION/WYTHEVILLE)**NAILR** N38°27.26' W77°54.32' NOTAM FILE DCA.

WASHINGTON

NDB (MHW) 351 MSQ 037°4.8 NM to Culpeper Rgnl.

L-29E, 34E, 36I, A

NEW KENT CO (See QUINTON)**NEW LONDON** (See FOREST)**NEW MARKET** (8W2) 2 W UTC-5(-4DT) N38°39.34' W78°42.48'

WASHINGTON

975 B S2 FUEL 100LL TPA-1800(825) NOTAM FILE DCA

L-22G

RWY 06-24: H2920X60 (ASPH) LIRL (NSTD)

RWY 06: Trees. Rgt tfc.

RWY 24: Thld dsplcd 900'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z. Unattended Thanksgiving, Christmas and New Years day. Fuel 24 hr credit card svc. Hot air balloons weekends early morning and late afternoon. Deer and birds on and invof rwy. Small holes adjacent to turn around area AER 24. Numerous cracks in rwy, conventional-gear acft be alert. Balloon repair station. Rwy 06-24 10' trees along fenceline parallel to rwy along south side. Rwy 06 lgtd thld relocated 100' and Rwy 24 lgtd thld relocated 930' for night ops, 2020' Rwy 06-24 lgts at ngt. Arpt lights opr dusk-0300Z. Rotating bcn ops dusk-0300Z. Rwy 06-24 NSTD LIRL thld lgts one fixture each side.

COMMUNICATIONS: CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.

LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26' W78°12.33' 249° 26.4 NM to fld. 2440/06W.

NEWPORT NEWS/WILLIAMSBURG INTL (PHF) 9 NW UTC-5(-4DT)

WASHINGTON

N37°07.91' W76°29.58'

H-101, 12H, L-34E, 35D, 36H

42 B S4 FUEL 100LL, JET A OX 4 LRA Class I, ARFF Index B NOTAM FILE PHF

IAP, AD

RWY 07-25: H8003X150 (CONC-GRVD) S-100, D-200, ST-175, DT-350 HIRL

RWY 07: MALSR, Trees.

RWY 25: REIL. VASI(V4L)—GA 3.0° TCH 55'. Trees.

RWY 02-20: H6526X150 (CONC-GRVD) S-100, D-200, ST-175, DT-350 HIRL

RWY 02: VASI(V4L)—GA 3.0° TCH 61'.

RWY 20: REIL. VASI(V4L)—GA 3.0° TCH 42'. Road.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 20	07-25	5200
RWY 25	02-20	6550

AIRPORT REMARKS: Attended continuously. PPR 45 minutes for unscheduled air carrier ops with more than 30 passenger seat call arpt manager 757-877-0221. Birds and deer on and invof arpt. Twy L and Twy J clsd indef. Rwy 07-25 less than full length and width is grooved. When twr clsd HIRL Rwy 02-20; VASI Rwy 02 and Rwy 20; REIL Rwy 20; HIRL Rwy 07-25 and twy lgts on continuously. ACTIVATE MALSR Rwy 07; REIL Rwy 25—CTAF. Rwy 07 MALSR unmonitored. Ldg fee for acct over 12,500 lbs. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (757) 874-3682.**COMMUNICATIONS:** CTAF 118.7 ATIS 128.65 UNICOM 122.95

RCO 122.65 122.2 (LEESBURG RADIO)

① NORFOLK APP CON 125.7

② NORFOLK DEP CON 124.9

CLNC DEL 124.9 (when twr clsd)

TOWER 118.7 (1100-0400Z±) GND CON 121.9 CLNC DEL 121.65 PRE TAXI CLNC 121.65

AIRSPACE: CLASS D svc effective 1100-0400Z± other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ORF.

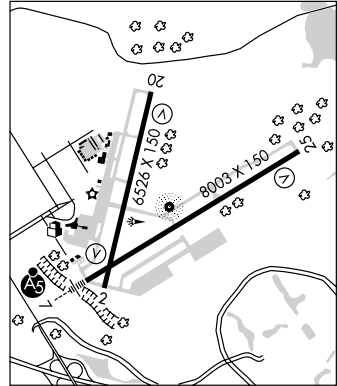
NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 323° 20.1 NM to fld. 20/07W.

HENRY NDB (MHW) 375 PJS N37°07.97' W76°29.59' at fld. NOTAM FILE DCA.

ILS/DME 110.1 I-PHF Chan 38 Rwy 07. Class IA. Unmonitored when tower closed.

ILS/DME 110.1 I-DHY Chan 38 Rwy 25. Class IE.

ILS/DME 109.3 I-FJQ Chan 30 Rwy 20. (LOC only)

**NEW RIVER VALLEY** (See DUBLIN)**NORFOLK****CHESAPEAKE RGNL** (CPK) 12 S UTC-5(-4DT) N36°39.94' W76°19.24'

WASHINGTON

19 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE CPK

H-101, 12H, L-35D

RWY 05-23: H5500X100 (ASPH-GRVD) S-30 HIRL

IAP

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 42'. Tree.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Tree. Rgt tfc.

AIRPORT REMARKS: Attended 1300-0100Z±. For fuel after hrs call in advance 757-421-9000. Self-svc avbl. Deer and geese on and invof rwy. Small trees along east side of rwy approximately 400' to 500' off rwy centerline. Noise abatement procedures in effect; ctc arpt manager 757-432-8110. TPA 1019(1000), turbine/large acct 1519(1500). ACTIVATE HIRL Rwy 05-23, MALSR Rwy 05 and REIL Rwy 23—CTAF.

WEATHER DATA SOURCES: AWOS-3 123.675 (757) 421-0252.**COMMUNICATIONS:** CTAF/UNICOM 123.05

① NORFOLK APP/DEP CON 118.9 GCO 135.075 (NORFOLK CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

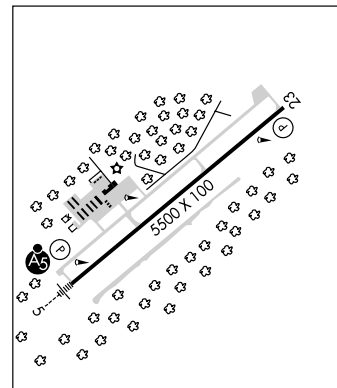
NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51'

W76°12.02' 210° 14.8 NM to fld. 20/07W.

CHESI NDB (MHW-LOM) 233 EY N36°35.99' W76°22.91' 046° 4.9 NM to fld.

ILS/DME 111.7 I-EYK Chan 54 Rwy 05. Class IB. LOM

CHESI NDB. LOM unusable byd 15 NM.



HAMPTON ROADS EXECUTIVE (PVG) 7 SW UTC-5(-4DT) N36°46.81' W76°26.93'

WASHINGTON

23 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE DCA

L-350, 36H

RWY 10-28: H4056X70 (ASPH) S-12.5 MIRL

IAP

RWY 10: Trees. Rgt tfc, fixed wing acft.

RWY 28: Thld dspcd 200'. Trees.

RWY 02-20: H3524X70 (ASPH) S-12.5 MIRL

RWY 02: Thld dspcd 898'. Road.

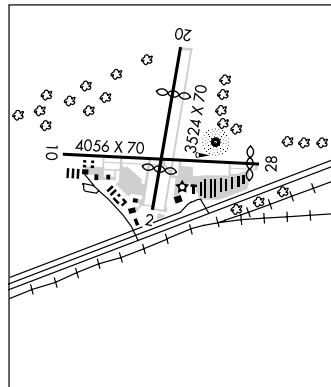
RWY 20: Thld dspcd 928'. Trees. Rgt tfc, fixed wing acft.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z, Nov-Mar 1300-2300Z. Extensive helicopter training. Deer on and in/ov arpt. 1049 ft MSL towers 1.5 NM NW of field. Rwy 10-28 preferred use rwy. Be alert for multiple tall twrs northwest of arpt. TPA-700(677) for helicopters. ACTIVATE MIRL Rwy 02-20 and Rwy 10-28—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.375 (757) 465-2175.**COMMUNICATIONS:** CTAF/UNICOM 123.0① **NORFOLK APP/DEP CON** 118.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE ORF.**NORFOLK (H) VORTAC** 116.9 ORF Chan 116 N36°53.51'

W76°12.02' 248° 13.7 NM to fld. 20/07W.

PORTSMOUTH NDB (MHW) 241 PVG N36°46.81' W76°26.73' at fld. Unmonitored when arpt unattended. NOTAM FILE PVG.

**NORFOLK INTL** (ORF) 3 NE UTC-5(-4DT) N36°53.68' W76°12.07'

WASHINGTON

26 B S4 FUEL 100LL, JET A OX 1, 2, 4 LRA Class I, ARFF Index C

H-101, 12H, L-350, 36H

NOTAM FILE ORF

IAP, AD

RWY 05-23: H9001X150 (ASPH-CONC-GRVD) S-150, D-200, ST-175, DT-350, DDT-475 HIRL CL

RWY 05: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 67'. Thld dspcd 1000'. Trees. Rgt tfc.

RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 14-32: H4875X150 (ASPH-GRVD) S-75, D-100, ST-127 MIRL

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 34'. Thld dspcd 213'.

Road. Rgt tfc.

RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 33'. Tree.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 14	05-23	2850
RWY 23	14-32	6300

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA-9001	TODA-9001	ASDA-9001	LDA-8001
RWY 14:	TORA-4875	TODA-4875	ASDA-4875	LDA-4662
RWY 23:	TORA-9001	TODA-9001	ASDA-9001	LDA-9001
RWY 32:	TORA-4875	TODA-4875	ASDA-4875	LDA-4875

AIRPORT REMARKS: Attended continuously. Parachute Jumping. Flocks of birds on and in/ov arpt. Twy D clsd indef. Noise abatement procedures in effect. Rwy 05-23 center portion asph, 1500' each end conc. Rwy 05-23 grooved 7300 ft X130 ft standard grooving beginning 200 ft from approach end Rwy 05. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (757) 460-9348. WSP.**COMMUNICATIONS:** ATIS 127.15 757-464-1390

RCO 122.1R 116.9T (LEESBURG RADIO)

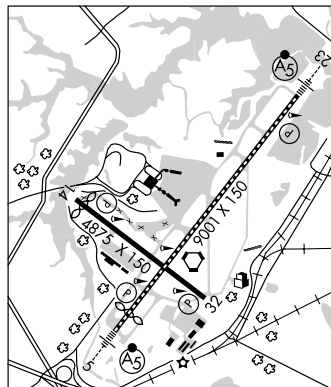
① **APP CON** 118.9(010°-080°) (180°-310°) ② **DEP CON** 125.2**TOWER** 120.8 **GND CON** 121.9 **CLNC DEL** 118.5**AIRSPACE:** CLASS C svc continuous ctc **APP CON** 125.7(311°-009°) 118.9(010°-080°) (180°-310°)**RADIO AIDS TO NAVIGATION:** NOTAM FILE ORF.(H) **VORTAC** 116.9 ORF Chan 116 N36°53.51' W76°12.02' at fld. 20/07W.

VORTAC unusable byd 30 NM blo 2500'.

INGLE NDB (LOM) 329 OR N36°50.43' W76°15.08' 046° 4.1 NM to fld.

ILS/DME 109.1 I-ORF Chan 28 Rwy 05. Class IB. LOM INGLE NDB. GS unusable for coupled apch blo 744'.

ILS/DME 109.1 I-JZQ Chan 28 Rwy 23. Class IA.



NORFOLK NS (CHAMBERS FLD) (NGU)(KNGU) N O NW UTC-5(-4DT)

WASHINGTON

N36°56.25' W76°17.36'

H-101, 12H, L-350, 36H

17 B AOE NOTAM FILE DCA

Not insp.

DIAP, AD

RWY 10-28: H8371X200 (ASPH-CONC-GRVD) PCN 47 R/B/W/T HIRL CL

RWY 10: ALSF2. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 35'. Thld dspcd 304'.

RWY 28: SSALS. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 37'. Thld dspcd 995'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: LDA-8067

RWY 28: LDA-7376

ARRESTING GEAR/SYSTEMS

RWY 10: HOOK E28(B)(1500')

HOOK E28(B)(1060') **RWY 28**

MILITARY SERVICE: A-GEAR Avoid centerline lgt Rwy 10-28 during cable engagement to prevent tailhook skip. Distance Rwy 28 measured from dspcd thld. E-28(B) in raised position at dep end of rwy only. Short-fld gear avbl with 20 minutes prior notice. **JASU** (NC10-C) (NC-8A/A1) (NCPP-105 Ctc Air Ops Duty Officer to ensure avbl.) **FUEL** J5. No tran helicopter hot pit without prior coordination with host squadron.

FLUID ADJ SP PRESAIR LHOX LOX **OIL** O-128-132-133-148-156 **TRAN ALERT** Limited tran maintenance avbl weekdays only 1200-2000Z+. Tran maintenance unavbl other times. 2 hr prior notice required for LOX. Lavatory svc unavbl for C-130 acft. Potable water unavbl.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remark. **RSTD** PPR only DSN 262-3419/3429. AMC/ATOC DSN 564-4735/3922, C757-444-4735/3922. Acft utilizing AMC terminal ctc ATOC/AMC terminal 15 min prior arr with load report. Acft overseas ctc AMC/ATOC via phone patch 2 hr prior arr for CSTMS. All other acft, ctc Base Ops 15 min prior arr. **CAUTION** Extensive fish spotter acft activity (single engine general aviation acft) upwards from 1500' over Chesapeake Bay and adjacent coastal waters. Arriving/departing Traffic Collision Avoidance System equipped acft expect numerous Traffic Collision Avoidance System alerts from ships or transiting into/out of the Chesapeake and coastal waters. Extensive VFR tfc opr west of Chambers Class D and Norfolk Class C airspace. Bird hazard. **TFC PAT** Basic fixed wing VFR minimums 1000' and 3 NM. Heliport Rwy 09R-27L, emerg use only. **NS ABTMT** No practice apch Mon-Sat 0400-1200Z+, Sun 0400-1800Z+. No helicopter overflight Willoughby Spit except via Point Xray (Chambers TACAN R-042/1.5 DME) at 500'.

WEATHER DATA SOURCES: ASOS DSN 564-9173 C(757) 444-9173.

COMMUNICATIONS: SFA ATIS 118.425 342.0

Ⓡ **APP CON** 118.9 273.475 (010°-310°) 125.7 335.625 (311°-009°)

CHAMBERS TOWER 124.3 290.5 379.15 **GND CON** 121.8 370.85 **CLNC DEL** 120.7 348.0

Ⓡ **DEP CON** 363.125

NAVYNORFOLK HELI TWR 126.375 290.5 Opr Mon-Fri 1300-0400Z+, clsd Sat, Sun, and holidays.

NAVYNORFOLK HELI GND CON 298.95 **AMC/ATOC** 130.65 349.5 **METRO** 271.6 **BASE OPS** 131.375 268.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

(H) **VORTAC** 116.9 ORF Chan 116 N36°53.51' W76°12.02' 310° 5.1 NM to fld. 20/07W.

CHAMBERS (L) TACAN Chan 86Y NGU (113.95) N36°56.40' W76°16.64' at fld. 24/10W. NOTAM FILE NGU.

TACAN unusable:

190°-195° byd 35 NM

261°-269° byd 20 NM

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

OCEANA NAS (APOLLO SOUCEK FLD) (NTU)(KNTU) N 3 SW UTC-5(-4DT)**WASHINGTON**

N36°49.36' W76°01.91'

H-101, 12H, L-35D

23 B NOTAM FILE DCA Not insp.

DIAP, AD

RWY 05R-23L: H12000X200 (PEM) PCN 50 R/C/W/T HIRL CL**RWY 05R:** ALSF1. OLS. **RWY 23L:** ALSF1. OLS.**RWY 05L-23R:** H8001X150 (CONC) PCN 18 R/C/W/T HIRL**RWY 05L:** OLS. **RWY 23R:** OLS.**RWY 14L-32R:** H8001X150 (CONC) PCN 19 R/C/W/T HIRL**RWY 14L:** OLS. **RWY 32R:** OLS.**RWY 14R-32L:** H8000X200 (PEM) PCN 58 R/C/W/T HIRL CL**RWY 14R:** OLS. **RWY 32L:** ALSF1. OLS.**ARRESTING GEAR/SYSTEMS****RWY 05R:** HOOK E28(B) (1416')HOOK E28(B) (1438') **RWY 23L****RWY 05L:** HOOK E28(B) (1476')HOOK E28(B) (1500') **RWY 23R****RWY 14L:** HOOK E28(B) (1446')HOOK E28(B) (1500') **RWY 32R****RWY 14R:** HOOK E28(B) (1420')HOOK E28(B) (1442') **RWY 32L****MILITARY SERVICE: A-GEAR** Arresting gear normally rigged all rwys. exc inboard rwy shortfield arresting gear. **JASU**(NC-10C) (NC-108) (NCP-105 Ctc Air Ops Duty Officer to ensure available.) **FUEL** J5. Limited fuel svc avbl

0330-1300Z† due to personnel restriction. Tran hot pit avbl Mon-Fri 1300-0330Z†, PPR, unavbl

weekends/holidays.

FLUID SP LHOX LOX **OIL** O-156 **TRAN ALERT** Tran line Mon-Fri 1230-0330Z†, Sat-Sun and holidays

1300-2300Z†. Limited parking/storage facilities. During peak periods extensive delay in tran servicing.

JOSAC/NALO have priority. No LAV svc or potable water avbl.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR all non-Oceania based acft DSN

433-2162/2163, C757-433-2162/2163. Straight-in apch to final ldg only 0300-1200Z†, Sun 0300-1800Z†.

All fixed wing and helicopter flight abv 1000' arr/dep NTU must file IFR flight plan. VFR/special VFR helicopter

route mandatory for all helicopter flights at or blo 1000'. **CAUTION** During VMC all dep and practice instrumentapch fly rwy heading and do not exceed 1000' until past dep end due extensive overhead traffic. **TFC PAT**

Simultaneous ldg/dep are conducted on parallel rwy located 700' apart. Extensive jet training Oceana

NAS/Fentress NALF. Reduced rwy separation standard in effect USN/USMC acft. During peak periods expect

one app to full stop ldg.

NS ABTMT Strict compliance rqr with program outlined in FLIP AP/1 Supplementary Arpt Remark.**CSTMS/AG/IMG** Avbl Oceana NAS based tactical acft only. Require 48 hr prior notice to Base Ops. Aircrew rqr to

remain in acft until released by Customs.

COMMUNICATIONS: SFA **ATIS** 317.6**(R) APP/DEP CON** 119.6 288.3 (NORTH NTU R-360°-150°) 123.9 266.8 (SOUTH NTU R-151°-359°) 323.05**TOWER** 127.075 360.2 **GND CON** 336.4 **CLNC DEL** 254.4**PMSV METRO** 387.4 **BASE OPS** 284.9 **ATCOM** 6723**RADIO AIDS TO NAVIGATION:** NOTAM FILE NTU.**(L) TACAN** Chan 113 NTU (116.6) N36°49.45' W76°02.22' at fld. 76/10W.

TACAN unusable:

000-059° byd 30 NM blo 3,000'

210°-239° byd 20 NM blo 4,000'

090°-109° byd 30 NM blo 1,500'

240°-290° blo 6,000'

110°-199° byd 30 NM blo 2,000'

291°-339° byd 15 NM blo 5,000'

200°-209° byd 20 NM blo 2,000'

340°-359° byd 20 NM blo 3,000'

ASR/PAR**COMM/NAV/WEATHER REMARKS:** Radar see Terminal FLIP for Radar Minima.

ORANGE CO (OMH) 3 E UTC-5(-4DT) N38°14.83' W78°02.74'

465 B S2 FUEL 100LL, JET A+ NOTAM FILE OMH

RWY 08-26: H3200X75 (ASPH-AFSC) S-12 MIRL 0.6% up NE

RWY 08: REIL. PAPI (P2L)—GA 4.0° TCH 39'. Trees.

RWY 26: REIL. PAPI (P2L)—GA 4.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1330-2300Z†. Fuel 100LL self svc after hrs. Fuel Jet A+ self svc after hrs. Parachute Jumping. ACTIVATE MIRL Rwy 08-26, REIL Rwy 08 and Rwy 26 and PAPI Rwy 08 and Rwy 26—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.075 (540) 672-0505.

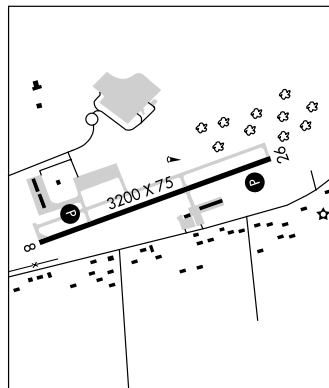
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 132.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82' W78°09.18' 026° 14.9 NM to fld. 382/06W. HIWAS.

WASHINGTON
L-34E, 36H, A
IAP



PETERSBURG N37°07.81' W77°34.48' NOTAM FILE PTB.

NDB (MHW) 284 PTB 053° 4.6 NM to Dinwiddie County.

Unmonitored when arpt unattended.

WASHINGTON
L-36H

PETERSBURG

DINWIDDIE CO (PTB) 5 SW UTC-5(-4DT) N37°11.03' W77°30.44'

193 B S4 FUEL 100LL, JET A TPA-993(800) NOTAM FILE PTB

RWY 05-23: H5002X100 (ASPH-GRVD) S-12.5, ST-83 MIRL

RWY 05: REIL. ODALS. PAPI(P4L)—TCH 42'. Tree.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 14-32: H3061X50 (ASPH) S-4

RWY 14: Tree. RWY 32: Tree.

AIRPORT REMARKS: Attended Apr-Oct Mon-Fri 1300-0000Z†, Apr-Oct. Sat-Sun 1200-0000Z†, Nov-Mar Mon-Fri 1300-2300Z†, Nov-Mar Sat-Sun 1200-2300Z†. Self-svc fueling available after hrs. Rwy 14-32 some cracking mainly at the Rwy 14 end. Rwy 14-32 broken pavement on shoulders byd 25 ft left and right of centerline. Rwy 14-32 gross weight limited by arpt operator to 4000 lbs single wheel gear. Ultralight activity on and invof arpt. ACTIVATE MIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23, ODALS Rwy 05 and REIL Rwy 05 and Rwy 23—CTAF.

WEATHER DATA SOURCES: AWOS-3 133.325 (804) 861-5551.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 134.7

GCO 135.075 (POTOMAC

CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73'

W77°06.96' 251° 20.7 NM to fld. 70/06W. HIWAS.

NDB (MHW) 284 PTB N37°07.81' W77°34.48' 053° 4.6 NM to fld. NOTAM FILE PTB. Unmonitored when arpt unattended.

ILS 110.3 I-JLS Rwy 05. LOC only. Unmonitored when arpt unattended.

• • • • •
HELIPAD H1: H15X25 (CONC)

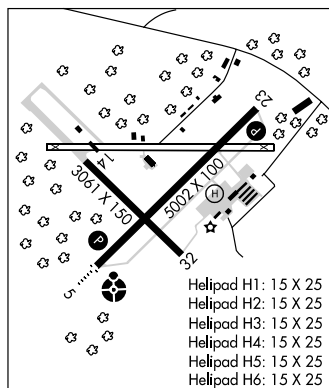
HELIPAD H2: H15X25 (CONC)

HELIPAD H3: H15X25 (CONC)

HELIPAD H4: H15X25 (CONC)

HELIPAD H5: H15X25 (CONC)

HELIPAD H6: H15X25 (CONC)



Helipad H1: 15 X 25
Helipad H2: 15 X 25
Helipad H3: 15 X 25
Helipad H4: 15 X 25
Helipad H5: 15 X 25
Helipad H6: 15 X 25

PORTSMOUTH N36°46.81' W76°26.73' NOTAM FILE PVG.

NDB (MHW) 241 PVG at Hampton Roads Executive. Unmonitored when arpt unattended.

WASHINGTON
L-35D, 36H

PULASKI N37°05.26' W80°42.77' NOTAM FILE PSK.

CINCINNATI

(H) **VORTAC** 116.8 PSK Chan 115 031°2.9 NM to New River Valley. 2120/06W.

H-10H, 12H, L-26I

HIWAS.

DME portion unusable:

034°-038° byd 25 NM

287°-316° byd 25 NM blo 10,000'

135°-175° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

200°-225° byd 10 NM

334°-039° byd 25 NM blo 10,000'

284°-286° byd 10 NM blo 10,000'

RCO 122.1R 116.8T (LEESBURG RADIO)

RCO 122.3 (LEESBURG RADIO)

QUANTICO MCAF (TURNER FLD) (NYG) MC 1 S UTC-5(-4DT) N38°30.22' W77°18.30'

WASHINGTON

10 B NOTAM FILE DCA

Not insp.

L-29E, 34E, 36I, A

RWY 02-20: H4250X200 (PEM) PCN 51 R/B/W/T HIRL

DIAP, AD

RWY 02: PAPI.

MILITARY SERVICE: LGT Rwy 02 PAPI and PAR runway point of intercept not coincident. Rwy 02 centerline lighting first 1000'. **FUEL J8. TRAN ALERT** No transient maintenance avbl. Require qualified crew member to assist in cold refueling.

MILITARY REMARKS: Opr Mon-Thur 1300-0200Z†, Fri 1300-2200Z†, closed Sat, Sun and holidays. **RSTD** All tran acft 24 hr PPR; Ops chief DSN 278-2085/2908, C703-784-2085/2908. After 2200Z† and on weekends call DSN 278-0920, C703-432-0920, C703-675-4144 for PPR. All tailhook acft requiring A-gear ldg, advance notice required. Requesting unit must coordinate with MWSS via Marine Corps Air Facility Quantico ops officer in charge. Clsd fld opr not authorized for tran acft.

CAUTION Twy C clsd indef. Limited Visiting Acft Line parking. Bird hazard vicinity Rwy 02-20 SR-SS. Heavy migratory bird activity Oct-Feb. **NS ABTMT** The area in and around the Quantico Class D Airspace is noise sensitive. Helicopters transit Quantico Class D Airspace at or abv 500' AGL. **CUSTOMS/AGRICULTURE/IMMIGRATION:** **CSTMS/AG/IMG** Avbl with 72 hr prior notice PPR only. **MISC** MCAF Quantico and R-6608 lie within the Washington ADIZ. Pilots must adhere to ADIZ reporting procedures in both these areas. Category II crash/fire rescue svc. Rwy 02 and Rwy 20 grooved first 1300'. MCAF Quantico has no provisions for Space A passengers. Space A passengers cannot be on-loaded or off-loaded due to security issues.

COMMUNICATIONS: **SFA** **ATIS** 263.15 (Mon and Fri 1300-2200Z†, Tue 1600-0200Z†, Wed-thu 1300-0200Z†)

Ⓡ **ARRIVAL** 127.05 290.375 (Mon 1600-2200Z†, Tue-Thur 1300-0200Z†, Fri 1300-2200Z†, open Sat, Sun and holidays by NOTAM only)

Ⓡ **POTOMAC APP/DEP CON** 124.65 306.925

TOWER 118.6 360.2 (Mon-Thur 1300-0200Z†, Fri 1300-2200Z†, closed Sat, Sun and holidays.)

GND CON 121.75 340.2

PMSV METRO/BASE OPS 355.3

AIRSPACE: **CLASS D** svc Mon-Thur 1300-0200Z†, Fri 1300-2200Z†, closed Sat, Sun, and holidays, other times **CLASS G.**

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18' W77°21.18' 022° 10.3 NM to fld. 145/9W.

ASR/PAR (Mon 1600-2200Z†, Tue-Thu 1300-0200Z†, Fri 1300-2200Z†, open Sat, Sun and holidays by NOTAM only)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

QUINTON**NEW KENT CO** (W96) 8 W UTC-5(-4DT) N37°30.19' W77°07.53'**WASHINGTON**

123 B FUEL 100LL TPA-923(800) NOTAM FILE DCA

L-34E, 36H

RWY 10-28: H3600X75 (ASPH) S-12.5 MIRL

IAP

RWY 10: REIL. PAPI(P2R)—GA 4.0° TCH 45'. Tree.

RWY 28: REIL. PAPI(P2L)—GA 4.0° TCH 45'. Tree.

AIRPORT REMARKS: Attended 1400-2200Z+. Fuel avbl 24 hrs, credit card required when unattended. Deer on and in vicinity of arpt. Ultralight activity on and in vicinity of arpt. Rotating bcn not visible when approaching from the north. MIRL and REIL Rwy 10-28 preset low ints; to increase ints ACTIVATE—CTAF.

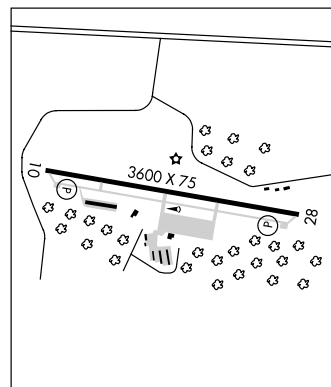
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 126.4

GCO 135.075 (POTOMAC CLNC) OTS indef.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73' W77°06.96' 003° 10.5 NM to fld. 70/06W. HIWAS.

**RICHMOND****TAZEWELL CO** (JFZ) 2S UTC-5(-4DT) N37°03.83' W81°47.90'**CINCINNATI**

2653 B FUEL 100LL, JET A+ NOTAM FILE 6V3

L-26H

RWY 07-25: H4300X75 (ASPH) S-12.5, D-18 MIRL

IAP

RWY 07: REIL. PAPI(P2L)—GA 4.0° Tree.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 53'. Tree.

AIRPORT REMARKS: Attended 1300-2300Z+. MIRL Rwy 07-25 preset low ints; to increase ints and ACTIVATE REIL Rwy 07, Rwy 25 and PAPI Rwy 07 and Rwy 25—CTAF.

WEATHER DATA SOURCES: AWOS-3 118.075 (276) 596-9927.**COMMUNICATIONS:** CTAF/UNICOM 123.05

Ⓡ INDIANAPOLIS CENTER APP CON 126.575

Ⓡ ATLANTA CENTER DEP CON 132.9

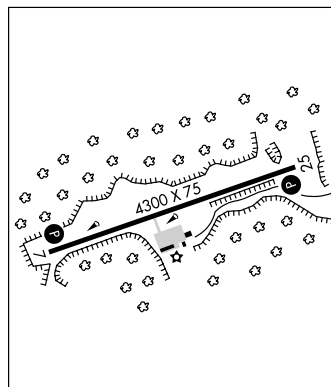
GCO 135.075 (ATLANTA CLNC and DCA FSS)—unreliable.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51' W82°04.74' 045° 19.7 NM to fld. 4200/02W. HIWAS.

ILS/DME 109.75 I-JFZ Chan 34(Y) Rwy 25. LOC only.

DME unusable byd 17 NM blo 5900'.

**RICHMOND** N37°30.14' W77°19.22' NOTAM FILE RIC.**WASHINGTON**

(H) VORTAC 114.1 RIC Chan 88 at Richmond Intl. 159/09W.

H-10H, 12H, L-34E, 36H

RCO 122.4 122.2 122.1R 114.1T (LEESBURG RADIO)

RICHMOND**CHESTERFIELD CO** (FCI) 4 SW UTC-5(-4DT) N37°24.39' W77°31.49'**WASHINGTON**

236 B S4 FUEL 100LL, JET A OX 3 TPA—See Remarks LRA NOTAM FILE DCA

H-10H, 12H, L-36H

RWY 15-33: H5500X100 (ASPH-GRVD) S-60, D-80 HIRL 0.7% up NW

IAP

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Antenna.

RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. Pole.

AIRPORT REMARKS: Attended 1200-0300Z†. Fuel after hrs call 804-271-7793 between 0300-1200Z†. 400 ft twr 5 NM N arpt. Aircraft on ILS approach to Richmond Intl crossing over arpt. Noise sensitive area north of arpt. No wind voluntary use of Rwy 15 preferred. Med-flight, irregular departure pattern. Helicopter parking adjacent to Twy C. Rwy 15 REIL OTS indef. TPA—1236(1000) single engine, 1736(1500) multi-engine. HIRL Rwy 15-33 preset low ints; increase ints and ACTIVATE MALSR Rwy 33 and REIL Rwy 15—CTAF.

WEATHER DATA SOURCES: AWOS-3 128.625 (804) 271-8426.**COMMUNICATIONS:** CTAF/UNICOM 123.05

FLAT ROCK RCO 122.1R 113.3T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 134.7 POTOMAC CLNC DEL 124.6

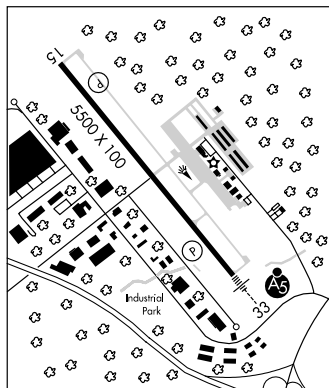
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

FLAT ROCK (H) VORTAC 113.3 FAK Chan 80 N37°31.71'

W77°49.69' 123° 16.2 NM to fld. 460/06W.

ILS/DME 108.3 I-CFU Chan 20 Rwy 33. Class IB.

LOC/DME unmonitored when arpt unattended.



RICHMOND INTL (RIC) 6 E UTC-5(-4DT) N37°30.31' W77°19.18'

167 B S4 FUEL 100LL, JET A OX 3, 4 TPA—See Remarks LRA

Class I, ARFF Index C NOTAM FILE RIC

RWY 16-34: H9003X150 (ASPH-GRVD) S-125, D-200, ST-175,
DT-340 HIRL CL

RWY 16: MALSR. VASI(V4L)—GA 3.0°TCH 56'.

RWY 34: ALSF2. TDZL.

RWY 02-20: H6607X150 (ASPH-GRVD) S-125, D-200, ST-175,
DT-340 HIRL

RWY 02: MALSR. VASI(V4R)—GA 3.0°TCH 53'. Pole.

RWY 20: REIL. VASI(V4L)—GA 3.0°TCH 52'. Tree.

RWY 07-25: H5326X100 (ASPH-GRVD) S-125, D-200, ST-175,
DT-340 HIRL

RWY 07: Railroad.

RWY 25: REIL. VASI(V4L)—GA 3.0° TCH 52'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-6607 TODA-6607 ASDA-6607 LDA-6607

RWY 07: TORA-5326 TODA-5326 ASDA-5326 LDA-5326

RWY 16: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 20: TORA-6607 TODA-6607 ASDA-6607 LDA-6607

RWY 25: TORA-5326 TODA-5326 ASDA-5326 LDA-5326

RWY 34: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

AIRPORT REMARKS: Attended continuously. Tower 245 ft AGL 2.5 NM NW; unlighted. 220 ft MSL crane (mkd and lgt'd) 5.4 NM south of arpt. Bird activity invof all rws and twys and invof arpt. Non-radio equipped vehicles crossing midfield Twys C, E, and H and driving on Twy L south of Rwy 07-25. No practice landings 0300-1200Z+. Hold line Rwy 20 east side located across Rwy 34 150' from dep end. Hold line Rwy 20 west side across Twy A and also serves as hold line for Rwy 16; signage indicates both rws. Due to the close proximity to Rwy 02-20, Twy U signage may be behind acft, once clear of Rwy 02-20. ATC clearance required for pushbacks onto movement areas. All acft with wingspans greater than 118' and wheel bases greater than 59' are restricted from using Twys J, K, R, (between Twy A and FSDO ramp), S, T (south of Twy J), and V (west of Twy A). Twys M, M1, M2, M3 and Twy R west of FSDO designated for acft with wingspan less than 79'. Twy A between Twy C and Twy E restricted from use by acft wingspans greater than 171'. Twy T (north of Twy F) restricted from use by acft with wingspans greater than 118'. Intersection requires judgemental oversteering. Air carrier apron clsd to unscheduled acft weighing under 35,000 lbs. No edge lgts on Twys M and S—reflectors only. The following areas not visible from the twr: portions of the air carrier apron, Army National Guard acft parking ramp. TPA-1200(1033) single engine, lgt acft, 1700(1533) all others. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (804) 236-1091.

COMMUNICATIONS: ATIS 119.15 UNICOM 122.95

FLAT ROCK RCO 122.1R 113.3T (LEESBURG RADIO)

RCO 122.4 122.2 122.1R 114.1T (LEESBURG RADIO)

Ⓡ **POTOMAC APP CON** 126.4 (031°-170°) 134.7 (171°-320°) 126.8 (321°-030°) 118.2

TOWER 121.1 **GND CON** 121.9 **POTOMAC CLNC DEL** 127.55

Ⓡ **POTOMAC DEP CON** 126.4 (031°-170°) 134.7 (171°-320°) 126.8 (321°-030°)

AIRSPACE: CLASS C svc continuous ctc **APP CON**

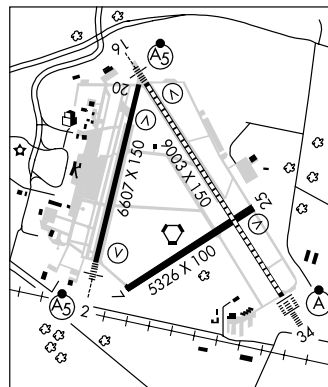
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.

(H) **VORTAC** 114.1 RIC Chan 88 N37°30.14' W77°19.22' at fld. 159/09W.

ILS 110.9 I-EZD Rwy 02. Class II.

ILS 110.7 I-BNE Rwy 34. Class IIIE.

ILS 110.7 I-RGJ Rwy 16. Class IA.



WASHINGTON

H-10H, 12H, L-34E, 36H
IAP, AD

RICHMOND/ASHLAND**HANOVER CO MUNI** (OFP) 8 N UTC-5(-4DT) N37°42.54' W77°26.20'**WASHINGTON**

207 B S4 FUEL 100LL, JET A OX 1, 2, 3, 4 TPA-1007(800) NOTAM FILE OFP H-10H, 12H, L-34E, 36H IAP

RWY 16-34: H5402X100 (ASPH-PFC) S-40 MIRL

RWY 16: REIL. PAPI(P4L). Tree. RWY 34: REIL. Trees.

AIRPORT REMARKS: Attended Apr-Sep 1200-0200Z, Oct-Mar 1200-0000Z. For acft svcs call 804-798-6500. Deer and birds on and in/ov arpt. Noise sensitive area S of arpt. ACTIVATE MIRL Rwy 16-34; REIL Rwsy 16 and 34-CTAF.

WEATHER DATA SOURCES: ASOS 119.025 (804) 752-2902 (Except thunderstorm.)

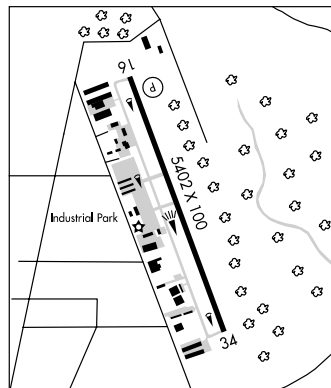
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **POTOMAC APP/DEP CON** 134.7 **POTOMAC CLNC DEL** 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.**RICHMOND (H) VORTAC** 114.1 RIC Chan 88 N37°30.14'

W77°19.22' 345° 13.6 NM to fld. 159/09W.

ILS/DME 109.7 I-OFD Chan 34 Rwy 16. LOC only. LOC unmonitored when arpt unattended.

**ROANOKE RGNL/WOODRUM FIELD** (ROA) 3 NW UTC-5(-4DT)**CINCINNATI**

N37°19.53' W79°58.53'

H-10H, 12H, L-26J

1175 B S4 FUEL 100LL, JET A OX 1, 2, TPA-1975(800) Class I, ARFF Index B

IAP, AD

NOTAM FILE ROA

RWY 06-24: H6800X150 (ASPH-GRVD) S-150, D-200, ST-175, DT-310 HIRL

RWY 06: REIL. MALSR. VASI(V4L)—GA 3.0° TCH 58'.

RWY 24: REIL. Thld displcd 790'.

RWY 15-33: H5810X150 (ASPH-GRVD) S-150, D-200, ST-175, DT-310 HIRL 0.4% up NW

RWY 33: MALSR. PAPI (P4L)—GA 3.0° TCH 63'. Tower.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6800 TODA-6800 ASDA-6800 LDA-6800

RWY 24: TORA-6800 TODA-6800 ASDA-6800 LDA-6010

RWY 15: TORA-5810 TODA-5810 ASDA-5810 LDA-5810

RWY 33: TORA-5810 TODA-5810 ASDA-5810 LDA-5810

ARRESTING GEAR/SYSTEM

RWY 33: EMAS 299'X169'

AIRPORT REMARKS: Attended continuously. Large flocks of birds in/ov arpt. Take off Rwy 33 and landings Rwy 15 not authorized at night nor during IFR conditions due to terrain. Transient pilots ctc FBO UNICOM freq 122.95 for acft parking and escort.

WEATHER DATA SOURCES: ASOS (540) 265-0680. LLWAS.**COMMUNICATIONS:** ATIS 134.95 UNICOM 122.95**ROANOKE RCO** 122.6 122.2 122.1R 109.4T (LEESBURG RADIO)

Ⓡ **ROANOKE APP/DEP CON** 126.9 (Rwy 15-33 151°-359°, Rwy 06 075°-234°) 118.15 (Rwy 15-33 360°-150°, Rwy 06 235°-074°)

TOWER 118.3 **GND CON** 121.9 **CLNC DEL** 119.7**AIRSPACE:** CLASS C svc continuous ctc APP CON**RADIO AIDS TO NAVIGATION:** NOTAM FILE ROA.

(L) **VORTAC** 109.4 ROA Chan 31 N37°20.61' W80°04.23' 107° 4.7 NM to fld. 3060/04W. DME unusable 270°-005° beyond 20 NM below 6000'.

WOODRUM (T) VORW 114.9 ODR N37°19.45' W79°58.74' at fld.**VINTON NDB (MHW)** 277 VIT N37°12.24' W79°52.90' 334° 8.6 NM to fld. NDB unusable beyond 10 NM.**ILS** 109.7 I-ROA Rwy 33. CLASS IB.

LDA/DME 111.1 I-SZK Chan 48 Rwy 06. LDA located 1202' inboard of Rwy 06 thld and 1100' right of rwy centerline, offset angle 14° 41'. GS aimed parallel to localizer course. GS unusable MM inbound and blo 1540'. ILS unusable 1.4 DME (JOKNI) inbound.

**RONALD REAGAN WASHINGTON NATL** (See DISTRICT OF COLUMBIA, WASHINGTON)

SALUDA**HUMMEL FLD** (W75) 6 E UTC-5(-4DT) N37°36.15' W76°26.80'

30 B S4 FUEL 100LL NOTAM FILE DCA

RWY 01-19: H2270X45 (ASPH) S-12.5 MIRL 0.3% up S

RWY 01: APAP(PNIL). Thld dsplcd 135'. Road.

RWY 19: APAP(PNIR). Tree.

AIRPORT REMARKS: Attended 1300-2100Z±. Unattended Thanksgiving and Christmas day. Drainage swales full length of rwy on both sides. Use of exit in front of Hummel Aviation advised. Birds and deer on and in/ov of arpt during winter. Acft hold short 75 ft of existing NSTD hold position bars. Departing Rwy 01-19 climb to 500 ft before any turn out; arriving acft use wide pattern to avoid populated areas E and W of arpt. Rwy 01 has NSTD thld lgts, has second set of green lgts. Rwy 01 has NSTD dsplcd thld markings. Rwy 19 has NSTD markings. No thld bar. Previous markings visible certain lggt conditions. ACTIVATE MIRL Rwy 01-19-CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0④ **NORFOLK APP/DEP CON** 126.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE RDU.

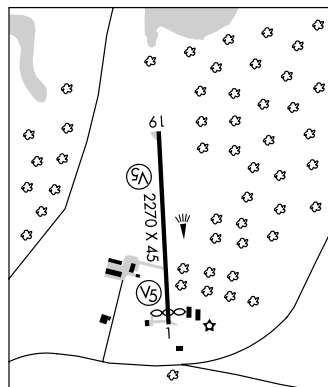
HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92'

W76°42.68' 061° 15.6 NM to fld. 8/07W.

WASHINGTON

L-34E, 36I

IAP

**SHANNON** (See FREDERICKSBURG)**SHENANDOAH VALLEY RGNL** (See STAUNTON/WAYNESBORO/HARRISONBURG)**SMITH MOUNTAIN LAKE** (See MONETA)**SOUTH BOSTON** N36°40.50' W79°00.87' NOTAM FILE DCA.

(L) VORTAC 110.4 SBV Chan 41 080° 8.3 NM to William M. Tuck. 530/05W.

RCO 122.1R 110.4T (LEESBURG RADIO)

WASHINGTON

H-9C, L-26K, 36G

SOUTH BOSTON**WILLIAM M TUCK** (W78) 3 E UTC-5(-4DT) N36°42.56' W78°50.90'

420 B S4 FUEL 100LL TPA-1220(800) NOTAM FILE DCA

RWY 01-19: H4003X75 (ASPH) S-12.5 MIRL 0.9% up N

RWY 01: REIL. PAPI(P2L)-GA 30° TCH 52'. Tree.

RWY 19: REIL. PAPI(P2L)-GA 3.0° TCH 52'. Hill.

RWY 05-23: 2665X200 (TURF) 0.4% up NE

RWY 05: Thld dsplcd 200'. Trees.

RWY 23: Thld dsplcd 400'. Tree.

AIRPORT REMARKS: Attended 1300-2230Z±. Terminal open-unattended. Self-fueling with credit card. Deer on and in/ov rws. Rwy 05 outlined with yellow cones. ACTIVATE MIRL Rwy 01-19, REIL Rwy 01 and Rwy 19-CTAF. PAPI Rwy 01 and Rwy 19 opr continuously. Rwy 01 REIL OTS indef.

COMMUNICATIONS: CTAF/UNICOM 122.8

SOUTH BOSTON RCO 122.1R 110.4T (LEESBURG RADIO)

WASHINGTON CENTER APP/DEP CON 124.05

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

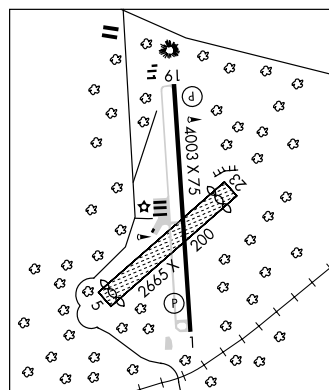
SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50'

W79°00.87' 080° 8.3 NM to fld. 530/05W.

WASHINGTON

L-26K, 36G

IAP



SOUTH HILL**MECKLENBURG-BRUNSWICK RGNL** (AVC) 4 SE UTC-5(-4DT)WASHINGTON
H-9C, 12H, L-36G
IAP

N36°41.30' W78°03.27'

441 B FUEL 100LL, JET A TPA-1841(1400) LRA NOTAM FILE AVC

RWY 01-19: H5002X75 (ASPH) S-12.5 MIRL 1.3% up N

RWY 01: REIL. PAPI(P2L)—GA 3.0°. TCH 40'. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.0°. TCH 40'. Antenna.

AIRPORT REMARKS: Attended daltg Hrs. 24 hr fuel avbl by credit card.

MIRL Rwy 01-19 and REIL Rwy 01 and 19 preset low ints; for higher ints ACTIVATE—CTAF.

WEATHER DATA SOURCES: AWOS-3 127.525 (434) 729-2229.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

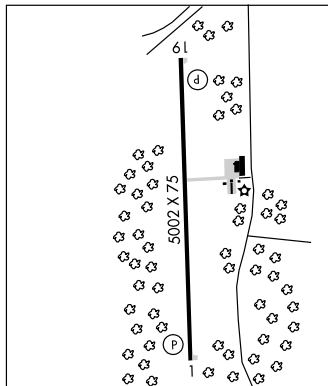
FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 278° 50.3 NM to fld. 90/09W.

JONES NDB (MHW) 373 AEA N36°36.87' W78°03.19' 008° 4.4

NM to fld. NOTAM FILE AVC.

ILS 110.5 I-AVC Rwy 01. Localizer only.

**STAFFORD RGNL** (RMN) 3 SW UTC-5(-4DT) N38°23.89' W77°27.33'WASHINGTON
H-10H, 12H, L-29E, 34E, 36I, A
IAP

211 B FUEL 100LL, JET A NOTAM FILE RMN

RWY 15-33: H5000X100 (ASPH-GRVD) S-30, D-70, ST-89 HIRL 0.8% up NW.

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Ground. Rgt tfc.

RWY 33: MALS. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

AIRPORT REMARKS: Attended 1200-0000Z+. Fuel avbl until 0000Z+, after hrs call 540-288-3838 within 12 hrs notice. Deer and flocks of birds on and invof arpt. "Fly Friendly" program in effect, requested that touch and go activity be limited to two (2) every half hr. ACTIVATE HIRL Rwy 15-33—CTAF.

WEATHER DATA SOURCES: AWOS-3 126.325 (540) 657-8283.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ QUANTICO ARRIVAL 127.05 (Mon and Fri 1300-2200Z+, Tue, Wed and Thu 1300-0200Z+, except Sat, Sun and holidays, other times ctc Ⓡ POTOMAC APP/DEP CON 124.65

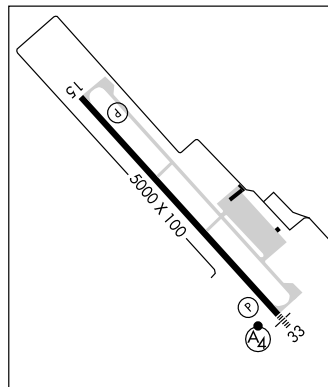
GCO 135.075 (Quantico and Potomac App Con)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18'

W77°21.18' 316° 6.1 NM to fld. 145/09W.

ILS/DME 108.75 I-RMN Chan 24(Y) Rwy 33. LOC unusable byd 20° left of course.



STAUNTON/WAYNESBORO/HARRISONBURG**SHENANDOAH VALLEY RGNL** (SHD) 10 NE UTC-5(-4DT) N38°15.83' W78°53.79'

WASHINGTON

1201 B S4 FUEL 100LL, JET A OX 3, 4 TPA—See Remarks Class I, ARFF Index B H-10H, 12H, L-26K IAP

NOTAM FILE SHD

RWY 05-23: H6002X150 (ASPH-GRVD) S-75, D-150, ST-175,

DT-215 HIRL 0.4% up NE

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 60'. Pole.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Road.

AIRPORT REMARKS: Attended continuously. PPR 12 hrs for air carrier ops with more than 30 passenger seats call 540-234-8304. TPA 2001(800) piston acft, 2701(1500) jet/turbo acft.

ACTIVATE HIRL Rwy 05-23, MALSR Rwy 05, REIL Rwy 23 and taxiway lgts—CTAF.

WEATHER DATA SOURCES: AWOS-3 124.925 (540) 234-0110.

COMMUNICATIONS: CTAF/UNICOM 123.0

MONTEBELLO RCO 122.1R 115.3T (LEESBURG RADIO)

Ⓡ POTOMAC APP/DEP CON 132.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

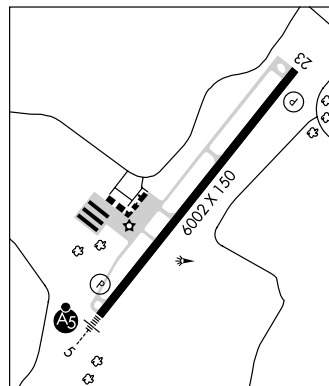
MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03'

W79°06.41' 030° 23.9 NM to fld. 3460/05W.

STAUT NDB (LOM) 375 SH N38°12.11' W78°57.44' 045° 4.7 NM to fld.

ILS 109.5 I-SHD Rwy 05. Class IE. LOM STAUT NDB.

Backcourse unusable. Autopilot coupled apchs not applicable bto 1494'.



STAUT N38°12.11' W78°57.44' NOTAM FILE SHD.

NDB (LOM) 375 SH 045° 4.2 NM to Shenandoah Valley Rgnl.

SUFFOLK EXECUTIVE (SFQ) 3 SW UTC-5(-4DT) N36°40.94' W76°36.11'

WASHINGTON

72 B S2 FUEL 100LL, JET A, MOGAS NOTAM FILE SFQ

H-10I, 12H, L-35D, 36H

RWY 04-22: H5007X100 (ASPH) S-30, D-60, DT-60 HIRL

IAP

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 38'. Trees. Rgt tfc.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 07-25: H4700X100 (ASPH) S-30, D-50, DT-85 MIRL

RWY 07: APAP(PNIL). Thld dsplcd 950'. Tree.

RWY 25: APAP(PNIR). Thld dsplcd 300'. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Apr-May 1300-2300Z, except Sun clsd at 2200Z, Jun-Oct 1300-0000Z, except Sun clsd at 2200Z, Nov-Mar 1300-2200Z. Parachute Jumping. Deer on and in/ovf arpt. Rwy 07-25 relocated 300 ft on east end. ACTIVATE MIRL Rwy 07-25; HIRL Rwy 04-22; PAPI Rwy 04 and 22; REIL Rwy 04 and 22—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.375 (757) 934-3942

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ NORFOLK APP/DEP CON 127.9 GCO 135.075 (NORFOLK CLNC)

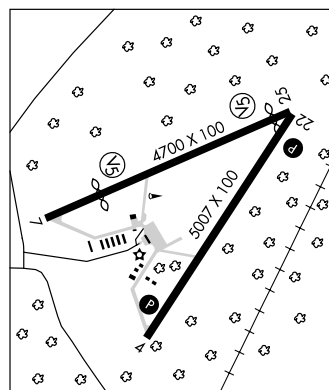
RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 104° 19.9 NM to fld. 90/09W.

WALEY NDB (MHW/LOM) 249 RK N36°35.96' W76°38.95' 035° 5.5 NM to fld. NOTAM FILE DCA.

ILS 111.5 I-RKH Rwy 04. Loc only.



SUZZE N36°55.21' W81°14.60' NOTAM FILE MKJ.

CINCINNATI

NDB (MHW/LOM) 335 MK 260° 5.4 NM to Mountain Empire. Unmonitored when arpt unattended.

L-26I

TANGIER ISLAND (TGI) 4 W UTC-5(-4DT) N37°49.51' W75°59.87'

5 B TPA-See Remarks NOTAM FILE DCA

RWY 02-20: H2950X75 (ASPH) S-12.5

RWY 02: Pole. Rgt tfc.

RWY 20: Thld dsplcd 99'. Road.

AIRPORT REMARKS: Attended Apr-Dec Wed-Mon 1300-2130Z+. Arpt CLOSED SS-SR daily. Be alert Restricted Area 1 mile west of arpt, hi-speed acft drop bombs and fire live ammunition in area. PAEW adjacent to all rwys, twys and ramps. Rwy 02-20 uneven pavement; bumps and cracks. TPA-605(600) light acft, 1505(1500) heavy acft. Rotating bcn ops on req (emerg only through arpt manager-CTAF or phone 757-891-2496). Ldg fee.

COMMUNICATIONS: CTAF/UNICOM 122.8

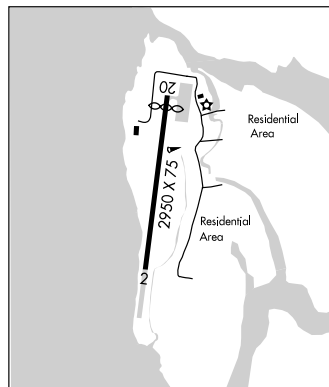
CAPE CHARLES RCO 122.1R 112.2T (LEESBURG RADIO)

Ⓡ PATUXENT APP/DEP CON 121.0 (Mon-Fri 1200-0400Z+, Sat-Sun 1300-2300Z+, clsd holidays)

Ⓡ WASHINGTON CENTER APP/DEP CON 133.9 (Mon-Fri 0400-1200Z+, Sat-Sun 2300-1300Z+)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CAPE CHARLES (L) VORTAC 112.2 CCV Chan 59 N37°20.85' W75°59.86' 010° 28.6 NM to fld. 10/10W.



WASHINGTON
L-34E, 36I
IAP

TAPPAHANNOCK-ESSEX CO (XSA) 5 S UTC-5(-4DT) N37°51.58' W076°53.65'

135 B FUEL 100LL NOTAM FILE DCA

RWY 10-28: H4300X75 (ASPH) MIRL

RWY 10: REIL. PAPI(2PL)-GA 3.0° TCH 40'

RWY 28: REIL. PAPI(2PL)-GA 3.0° TCH 40'.

AIRPORT REMARKS: Attended 1300-2200Z+. ACTIVATE MIRL Rwy 10-28 and PAPI Rwy 10 and Rwy 28 and rotating bcn-CTAF.

WEATHER DATA SOURCES: AWOS-3 125.775 (804) 445-8724.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ POTOMAC APP/DEP CON 126.4

RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.

RICHMOND (H) VORTAC 114.1 RIC Chan 088 N37°30.14' W077°19.22' 052° 29.5 NM to fld. 159/9W.

WASHINGTON
L-34E, 36I
IAP

TAZEWELL CO (See RICHLANDS)

TECH N37°12.52' W80°24.21' NOTAM FILE BCB.

NDB (MHW) 368 TEC at Virginia Tech/Montgomery Executive.

CINCINNATI
L-26J

TURNER FLD (See QUANTICO MCAF)

TWIN CO (See GALAX/HILLSVILLE)

VINTON N37°12.24' W79°52.90' NOTAM FILE ROA.

NDB (MHW) 277 VIT 334° 8.6 NM to Roanoke Rgnl/Woodrum Field.

NDB unusable beyond 10 NM.

CINCINNATI
L-26J

VIRGINIA HIGHLANDS (See ABINGDON)

VIRGINIA TECH/MONTGOMERY EXECUTIVE (See BLACKSBURG)

WAKEFIELD MUNI (AKQ) 2 NW UTC-5(-4DT) N36°59.23' W77°00.07'

WASHINGTON

113 B FUEL 100LL NOTAM FILE AKQ

L-36H

RWY 02-20: H4337X75 (ASPH) S-12.5 MIRL

IAP

RWY 02: APAP(PNIL). GA 3.0° TCH 17'. Thld dsplcd 298'. Trees.

RWY 20: APAP(PNIL)—GA 3.0° TCH 17'. Thld dsplcd 470'. Trees.

AIRPORT REMARKS: Attended irregularly. For fuel after hours call 757-899-6066. Apron pavement cracked and in poor condition.

WEATHER DATA SOURCES: ASOS 128.325 (757) 899-2300.

COMMUNICATIONS: CTAF/UNICOM 122.8

FRANKLIN RCO 122.1R 110.6T (LEESBURG RADIO)

Ⓡ NORFOLK APP/DEP CON 127.9

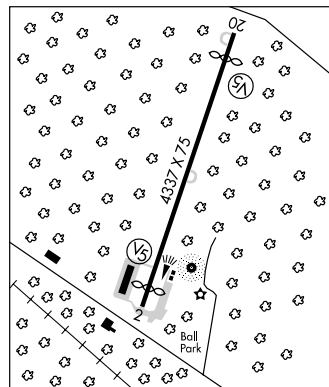
RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 011° 16.4 NM to fld. 90/09W.

NDB (MHW) 274 AKQ N36°58.99' W77°00.07' at fld. NOTAM

FILE AKQ. Unmonitored. Unusable byd 10 NM.



WALEY N36°35.96' W76°38.95' NOTAM FILE DCA.

WASHINGTON

NDB (MHW/LOM) 249 RK 035° 5.5 NM to Suffolk Executive.

L-35C, 36H

WALLOPS FLIGHT FACILITY (WAL)(KWAL) NASA 5 S UTC-5(-4DT) N37°56.41' W75°27.98'

WASHINGTON

40 B TPA-1040 (1000) NOTAM FILE DCA

H-101, 121, L-361

RWY 04-22: H8749X150 (PEM) HIRL

IAP, AD

RWY 04: REIL. PAPI(P4L)-GA 3.0°

RWY 22: REIL. PAPI(P4L)-GA 3.0°

RWY 10-28: H8005X200 (ASPH) HIRL.

RWY 10: REIL. PAPI(P4L)-GA 3.0°

RWY 28: REIL. PAPI(P4L)-GA 3.0°

RWY 17-35: H4808X150 (ASPH) HIRL

RWY 17: REIL. PAPI(P4L)-GA 3.0°

RWY 35: REIL. PAPI(P4L)-GA 3.0°

ARRESTING GEAR SYSTEM

RWY 04 HOOK BAK -13(B) (1850)

HOOK BAK-13(B) (1500) RWY 22

MILITARY SERVICE: LGT ACTIVATE rwy lgts and rotating bcn—CTAF.

JASU 3(A/M32A-86) 1 (AM32A-60A)

FUEL J5.

Restricted to U.S. government acft on official business only. **FLUID SP PRESAIR**

MILITARY REMARKS: RSTD Official business only. PPR 757-824-1688. **CAUTION** Roadways cross Rwy 17-35. High

seagull bird strike potential. Extensive research test development in progress. Trees right of Rwy 22 thld.

Numerous radar facilities at arpt with possible radio freq hazard to ordnance. Rwy 04 HOOK BAK-13 and Rwy 22 HOOK BAK-13 OTS indef.

WEATHER DATA SOURCES: ASOS 119.175 (757) 824-0820

COMMUNICATIONS: CTAF 126.5

PATUXENT APP/DEP CON 127.95 (Mon-Fri 1200-0400Z†, Sat-Sun 1300-2300Z†, clsd holidays)

WASHINGTON CENTER APP/DEP CON 132.55 (Mon-Fri 0400-1200Z†, Sat-Sun 2300-1300Z†)

TOWER 126.5 Mon-Fri 1200-2200Z† except Federal holidays. **CLNC DEL** 121.7 **INFO SVC** 126.5 (2230-1200Z†)

AIRSPACE: CLASS D Mon-Fri 1200-2200Z† except Federal holidays other times Class E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SNOW HILL (L) VORTAC 112.4 SWL Chan 71 N38°03.40' W75°27.84' 189° 7.0 NM to fld. 40/8W.

WARRENTON—FAUQUIER (HWY) 12 SE UTC-5(-4DT) N38°35.18' W77°42.64'

WASHINGTON

336 B S4 FUEL 100LL, JET A NOTAM FILE DCA

H-10H, 12H, L-29E, 34E, 36I, A

RWY 15-33: H5000X100 (ASPH-GRVD) S-15, D-70 HIRL 0.5% up SE IAP

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Tree.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

AIRPORT REMARKS: Attended 1300Z±-dark. Ultralight activity on and in/ov arpt. Aerobatic activity (3 boxes avbl). Aerobatic demo area within 1.5 NM radius of arpt 3500 ft and blo; 1500-0300Z±.

ACTIVATE HIRL Rwy 15-33—CTAF.

WEATHER DATA SOURCES: ASOS 120.350 (540) 788-4078.**COMMUNICATIONS:** CTAF/UNICOM 122.7

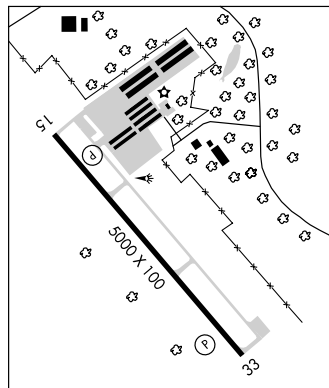
Ⓡ POTOMAC APP/DEP CON 124.65

GCO 135.075 (POTOMAC CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CASANOVA (H) VORTAC 116.3 CSN Chan 110 N38°38.47'

W77°51.93' 120° 8.0 NM to fld. 439/06W.

**WASHINGTON—DULLES INTL** (See DISTRICT OF COLUMBIA, WASHINGTON)**WAYNESBORO****EAGLE'S NEST** (W13) 3 W UTC-5(-4DT) N38°04.62' W78°56.65'

WASHINGTON

1437 B S4 FUEL 100LL NOTAM FILE DCA

RWY 06-24: H2009X50 (ASPH) MIRL (NSTD)

RWY 06: Tree.

RWY 24: Tree.

AIRPORT REMARKS: Attended 1300-2230Z±. Parachute Jumping. Deer on and in/ov arpt. Glider activity on and in/ov arpt. Acft parked adjacent to rwy. ACTIVATE MIRL Rwy 06-24—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.05**WEIRWOOD****CAMPBELL FLD** (9VG) 1 W UTC-5(-4DT) N37°27.51' W075°52.73'

WASHINGTON

40 NOTAM FILE DCA

RWY 03-31: 3000X100 (TURF)

RWY 03: P-line.

RWY 14-32: 1455X140 (TURF)

AIRPORT REMARKS: Attended Mar-Nov dalgst hours. Be alert: 60' P-lines located 300' southwest off the AER 03.**COMMUNICATIONS:** CTAF 122.8

WEST POINT

MIDDLE PENINSULA RGNL (FYJ) 2 SE UTC-5(-4DT) N37°31.28' W76°45.77'

WASHINGTON

20 B FUEL 100LL, JET A TPA—See Remarks NOTAM FILE FYJ

H-10H, 12H, L-34E, 36H

RWY 10-28: H5000X75 (ASPH) S-30, D-50, DT-85 MIRL

IAP

RWY 10: Trees. RWY 28: Trees.

AIRPORT REMARKS: Attended 1300-2200Z†. Full and self-serve fuel avbl. Parachute Jumping weekends only. Deer on and invof arpt. TPA-820(800) light acft, 1520(1500) heavy acft. ACTIVATE MIRL Rwy 10-28—CTAF.

WEATHER DATA SOURCES: AWOS-3 132.825 (804) 785-2307.

COMMUNICATIONS: CTAF/UNICOM 123.0

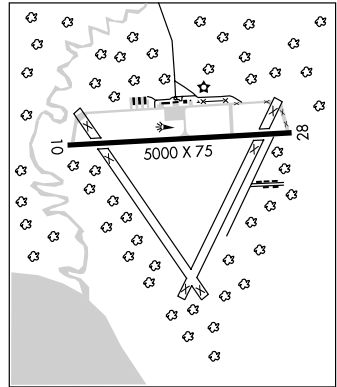
HARCUM RCO 122.1R 108.8T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 126.4

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92'

W76°42.68' 338° 5 NM to fld. 8/07W.



WHINE N36°44.02' W81°56.94' NOTAM FILE VJI.

CINCINNATI

NDB (MHW/LOM) 236 VJ 241° 4.9 NM to Virginia Highlands. Unmonitored when arpt unattended.

L-26I

Unusable beyond 15 NM.

WHITMAN STRIP (See MANASSAS)

WILLIAM M. TUCK (See SOUTH BOSTON)

WILLIAMSBURG-JAMESTOWN (JGG) 3 SW UTC-5(-4DT) N37°14.35' W76°42.97'

WASHINGTON

49 B S4 FUEL 100LL, JET A TPA-849(800) NOTAM FILE JGG

L-34E, 36H

RWY 13-31: H3204X60 (ASPH) S-12.5 MIRL(NSTD) 0.8% up NW

IAP

RWY 13: REIL. APAP(PNIL). Trees. Rgt tfc.

RWY 31: REIL. APAP(PNIL). Trees.

AIRPORT REMARKS: Attended 1200Z†-dark. Arpt unattended Christmas Day-attended by req. Deer on and invof arpt. PAEW adjacent to Rwy 13-31. Rwy 31 dep turn left heading 270° to avoid school 3500 ft off rwy end. Noise abatement procedures in effect, ctc arpt manager 757-229-9256. Rwy 13-31 NSTD MIRL, non FAA approved L-800 series. Twy to Rwy 31, east of ramp, pavement and markings poor. Rwy 13 approach path alignment panels need repair. ACTIVATE MIRL Rwy 13-31, REIL and APAP Rws 13 and 31—CTAF. Ldg fee for commercial and charter acft.

WEATHER DATA SOURCES: AWOS-3 120.625 (757) 220-8810.

COMMUNICATIONS: CTAF/UNICOM 122.8

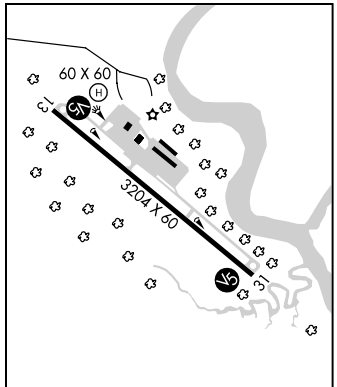
® NORFOLK APP/DEP CON 119.45

GCO 135.075 (NORFOLK CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92'

W76°42.68' 188° 12.6 NM to fld. 8/07W.



• • • • •
HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Helipad CLOSED ctc 122.8 for ldg instructions. Helipad H1 perimeter lgts. ACTIVATE MIRL Rwy 13-31, perimeter lgts Helipad H1, REIL and APAP Rws 13 and 31—CTAF.

WINCHESTER RGNL (OKV) 3 SE UTC-5(-4DT) N39°08.61' W78°08.67'
 726 B S4 FUEL 100LL, JET A TPA-See Remarks LRA NOTAM FILE OKV
 RWY 14-32: H5500X100 (ASPH-GRVD) S-45, D-60 MIRL 0.5% up NW

WASHINGTON
 H-10H, 121, L-29D, A
 IAP

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Tree.
 RWY 32: MALSR. PAPI(P2L)—GA 3.0° TCH 45'. Tree.

AIRPORT REMARKS: Attended 1200-0000Z. Deer on and in/ov arpt.
 Taxi on pavement only. Medical Flight: irregular departure pat.
 ACTIVATE MIRL Rwy 14-32, REIL Rwy 14 and MALSR Rwy 32—CTAF. TPA 2706 (1980) turbo prop and jet acft, 1706 (980) other acft. Flight Notification Service (ADCUS) available. ADCUS avbl 24 hours minimum advance notice required call 804-661-3660 Mon-Fri, after hours and weekends call 703-661-3632.

WEATHER DATA SOURCES: AWOS-3 124.85 (540) 662-6970.

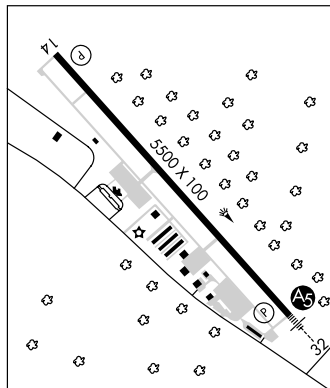
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 120.45 CLNC DEL 126.15

RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) VORTAC 112.1 MRB Chan 58 N39°23.13'
 W77°50.90' 231° 20 NM to fld. 600/07W.

ILS/DME 109.55 I-TXZ Chan 32Y Rwy 32. CLASS IB.
 Unmonitored when arpt unattended.



WISE

LONESOME PINE (LNP) 3 NE UTC-5(-4DT) N36°59.25' W82°31.80'

CINCINNATI
 H-9B, 12G, L-26H
 IAP

2684 B FUEL 100LL, JET A NOTAM FILE LNP
 RWY 06-24: H5280X100 (ASPH-GRVD) S-42, D-55, DT-100 MIRL 0.3% up NE

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 24: REIL. ODALS (NSTD). PAPI(P2R)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended Apr-Oct Mon-Sat 1300-0000Z, Sun irregularly, Nov-Mar Mon-Sat 1300-2230Z, Sun irregularly. Rwy 06-24—three inch gradual dip starting 2000 ft from thld Rwy 24 continuing for 300 ft. Rwy 24 NSTD ODALS, 5 lgt configuration. ACTIVATE MIRL Rwy 06-24, ODALS Rwy 24 and REIL Rwy 06 and Rwy 24—CTAF.

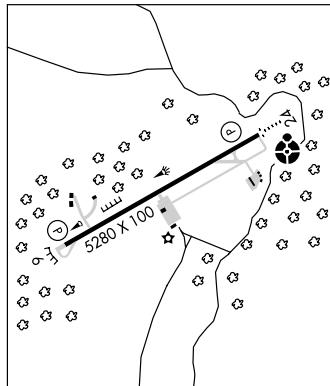
WEATHER DATA SOURCES: AWOS-3 118.6 (276) 328-3727.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ INDIANAPOLIS CENTER APP/DEP CON 126.57

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51'
 W82°04.74' 296° 23.8 NM to fld. 4200/02W. HIWAS.



WOODRUM N37°19.45' W79°58.74' NOTAM FILE ROA.

CINCINNATI
 L-26J

(T) VORW 114.9 ODR at Roanoke Rgnl/Woodrum Field.

VOR unusable 035°-110° byd 10 NM blo 6500', 035°-110° byd 10 NM blo 4,200', 035°-050° byd 20 NM blo 7000', 290°-360° byd 15 NM all altitudes.

ARTHURDALE

TITUS FLD (70D) 2 W UTC-5(-4DT) N39°29.92' W79°51.15'

CINCINNATI

1860 NOTAM FILE EKN

RWY 09-27: 2400X50 (TURF)

RWY 09: Trees.

RWY 27: Tree.

AIRPORT REMARKS: Unattended. Parachute Jumping. Deer on and in/ovf rwy. Unlimited vehicle access to arpt. +25 ft trees along edge of rwy. Rwy 27 has 8' dropoff 25' from thld. Rwy 09-27 surface rough and infrequently mowed, soft when wet, loose rock on surface.

COMMUNICATIONS: CTAF 122.9

BECKLEY N37°46.82' W81°07.41' NOTAM FILE BKW.

CINCINNATI

(H) VORTAC 117.7 BKW Chan 124 at Raleigh Co Mem. 2500/06W. HIWAS.

H-10G, 12H, L-26I

VOR portion unusable:

360°-013° byd 28 NM blo 7000'

184°–211° byd 10 NM blo 9000'

015°-087°

212°–269°

106°-160° b/o 10000'

TACAN AZIMUTH and DME unusable:

040°-050° byd 38 NM blo 7000'

087°-210° byd 25 NM blo 9000'

RCO 122.1R 117.7T (ELKINS RADIO)

BECKLEY

RALEIGH CO MEM (BKW) 3 E UTC-5(-4DT) N37°47.24' W81°07.45'

CINCINNATI

2504 B S4 FUEL 100LL JET A Class I, ARFF Index A. NOTAM FILE BKW

H-10G, 12H, L-26I

RWY 01-19:	H6750X150 (ASPH-GRVD)	S-75, D-150, ST-140, DT-200	HIRL	0.7% up S
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IAP

RWY 01: REIL. VASI(V4L)—GA 3°TCH 40'. Trees.

RWY 19: MALSR, VASI(V4L)—GA 3°TCH 55'.

RWY 10-28: H5000X100 (ASPH) S-45, D-60 MIRL 0.3% up E.

RWY 10: REIL, VASI(V4R)—GA 3.0° TCH 51'.

RWY 28: REIL. VASI(V4L)—GA 3.75° TCH 66'. Trees.

AIRPORT REMARKS: Attended continuously. Deer; birds and wild turkeys on and in/ovt aprt. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats, call aprt manager 304-255-0476. ACTIVATE MIRL Rwy 10-28; HIRL Rwy 01-19; MALSR Rwy 19, REIL Rwy 01, Rwy 10, Rwy 28; VASI Rwy 10 and twy lghts—CTAF.

WEATHER DATA SOURCES: ASOS 121.55 (304) 253-5214. HIWAS 117.7 BKW.

COMMUNICATIONS: CTAF/UNICOM 123.0

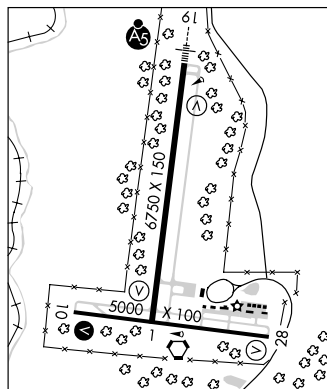
BECKLEY RCO 122.1R 117.7T (ELKINS RADIO)

® CHARLESTON APP/DEP CON 118.95

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 **BKW** Chan 124 N37°46.82'
W81°07.41' at fld. 2500/06W. **HIWAS.**

ILS 111.7 I-MOU Rwy 19. CLASS IB.



BERKELEY SPRINGS**POTOMAC AIRPARK** (W35) 4 N UTC-5(-4DT) N39°41.56' W78°09.97'**WASHINGTON**
L-29D, A
IAP

412 NOTAM FILE EKN

RWY 11-29: H4985X70 (ASPH) MIRL**RWY 11:** REIL. TRVC(TRIL). Trees.**RWY 29:** REIL. TRVC(TRIR). Trees. Rgt tfc.**AIRPORT REMARKS:** Attended irregularly. Arpt CLOSED ngts. Be advised unmanned acft 1,000' and blo 1 NM radius of arpt. No acft over 18,500 Lbs. Rwy 11-29 pavement cracks, uneven surface and some loose aggregate. Rwy 11 and Rwy 29 NSTD VASI OTS indef. REIL Rwy 11 OTS indef. Rwy 29 REIL OTS indef.**COMMUNICATIONS:** CTAF 122.8Ⓡ **WASHINGTON CENTER APP/DEP CON** 134.15**RADIO AIDS TO NAVIGATION:** NOTAM FILE A00.**ST THOMAS (L) VORTAC** 115.0 THS Chan 97 N39°55.99'
W77°57.06' 222° 17.5 NM to fld. 2340/07W.**HAGERSTOWN (L) VOR** 109.8 HGR N39°41.86'

W77°51.34' 276° 14.4 NM to fld. NOTAM FILE HGR.

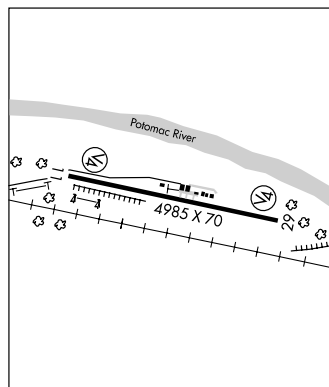
VOR unusable:

251°-272° byd 14 NM

267° byd 14 NM

281°-300° byd 24 NM blo 8000'

351°-019°

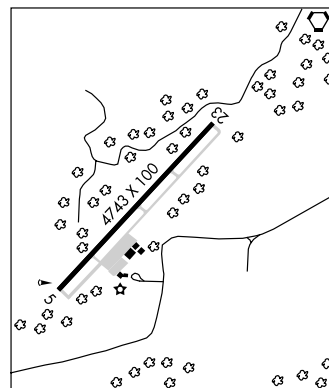
**BLUEFIELD** N37°18.39' W81°11.66' NOTAM FILE BLF.**CINCINNATI**
L-26I**(L) VORTAC** 110.0 BLF Chan 37 at Mercer Co. 2900/03W.

DME portion unusable:

122°-230° byd 25 NM blo 9500'

RCO 122.1R 110.0T (ELKINS RADIO) **RCO** 122.65 122.2 (ELKINS RADIO)**BLUEFIELD****MERCER CO** (BLF) 3 NE UTC-5(-4DT) N37°17.75' W81°12.46'**CINCINNATI**
L-26I
IAP2857 B **FUEL** 100LL, JET A, JET A+ TPA-3857 (1000) Class III, ARFF Index A

NOTAM FILE BLF

RWY 05-23: H4743X100 (ASPH-GRVD) S-30, D-48 HIRL**RWY 05:** REIL.**RWY 23:** REIL.**AIRPORT REMARKS:** Attended 1100-0300Z±. Arpt CLOSED Christmas and New Years Day. Svcs avbl when clsd by prior arrangement; call 304-327-8440. After hrs emerg fuel by prior arrangement; listing on line office door. Deer on and in/ovf arpt. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 304-327-5308. Mowing in progress Apr-Nov all surfaces. Rwy 23 has 150' drop-off 140' from thld zero feet both sides. Rwy 05 has 150' drop-off at thld 100' left. Rwy 05 hold-position sign on Twy A located 200' southwest of painted hold-position marking. ACTIVATE HIRL Rwy 05-23, twy lgts, and REIL Rwy 05 and Rwy 23—CTAF.**WEATHER DATA SOURCES:** ASOS 132.725 (304) 327-5766.**COMMUNICATIONS:** CTAF 122.9**BLUEFIELD RCO** 122.65 122.2 (ELKINS RADIO).**INDIANAPOLIS CENTER APP/DEP CON** 126.575**AIRSPACE:** CLASS E svc effective 1025-0225Z± other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BLF.**BLUEFIELD (L) VORTAC** 110.0 BLF Chan 37 N37°18.39' W81°11.66' at fld. 2900/03W.**ILS** 109.5 I-BLF Rwy 23. GS unusable for coupled apch blo 3200' MSL (.91 NM).**BOGGS FLD** (See SPENCER)**BRAXTON CO** (See SUTTON)

BUCKHANNON**UPSHUR CO RGNL** (W22) 2 W UTC-5(-4DT) N39°00.03' W80°16.42'**CINCINNATI**

1635 B S4 FUEL 100LL, JET A NOTAM FILE EKN

L-29C

RWY 11-29: H4200X75 (ASPH) S-12.5, D-30 MIRL

IAP

RWY 11: Trees. RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 26'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z, Sat-Sun 1400-2200Z. Self service 100LL. Deer on and in/ov arpt. ACTIVATE MIRL Rwy 11-29, REIL Rwy 29, PAPI Rwy 29 and twy lgts—CTAF.**WEATHER DATA SOURCES:** AWOS-3 119.975 (304) 472-9428.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ CLARKSBURG APP/DEP CON 121.15

Ⓡ WASHINGTON CENTER APP/DEP CON 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

ELKINS (L) VORTAC 114.2 EKN Chan 89 N38°54.87' W80°05.96' 309° 9.7 NM to fld. 2160/7W. HIWAS.

BUSHI N37°46.93' W80°28.11' NOTAM FILE LWB.**CINCINNATI**

NDB (MHW/LDM) 346 LW 042° 5.6 NM to Greenbrier Valley. Unusable beyond 15 NM.

L-26J

Unmonitored 0300-1200Z.

CHARLESTON N38°20.98' W81°46.19' NOTAM FILE CRW.**CINCINNATI**

(H) VORTAC 117.4 HVQ Chan 121 083° 8.5 NM to Yeager. 1099/03W.

H-10G, 12H, L-26I

VOR unusable 140°-142° byd 20 NM blo 9000'.

RCO 122.1R 117.4T (ELKINS RADIO)

RCO 122.55 122.2 N38°22.39' W81°35.59' (ELKINS RADIO).

CHARLESTON**YEAGER** (CRW) 3 E UTC-5(-4DT) N38°22.39' W81°35.59'**CINCINNATI**

981 B S4 FUEL 100LL, JET A LRA Class I, ARFF Index B NOTAM FILE CRW

H-10G, 12H, L-26I

RWY 05-23: H6300X150 (ASPH-GRVD) S-120, D-160, ST-175, DT-260 HIRL CL 0.8% up SW IAP, AD

RWY 05: REIL. VASI(V4L)—GA 3.0° TCH 60'. Pole.

RWY 23: ALSF1. VASI(V4R)—GA 3.0° TCH 78'. Pole.

RWY 15-33: H4751X150 (ASPH) S-30, D-60 MIRL 1.0% up SE

RWY 15: REIL. PAPI(P4R)—GA 3.78° TCH 45'. Antenna.

RWY 33: VASI(V2L)—GA 3.30° TCH 58'. Tree.

ARRESTING GEAR SYSTEM

RWY 23: EMAS 405' x 150'

AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ov arpt. Holding acft on Twy A within 200 ft of centerline Rwy 23. Twy A1 weight bearing capacity 60,000 lbs. Rwy 05 VASI not coincident with ILS GS. Rwy 05 VASI unusable 2° right of course. Ldg fee not applicable to based acft. Flight Notification Service (ADCUS) available. Rwy 05 touchdown RVR avbl.**WEATHER DATA SOURCES:** ASOS (304) 346-4797. LLWAS.**COMMUNICATIONS:** ATIS 127.6 UNICOM 122.95

CHARLESTON RCO 122.55 122.2 (ELKINS RADIO)

Ⓡ CHARLESTON APP/DEP CON 119.2 (SOUTH) 124.1 (NORTH) 128.5

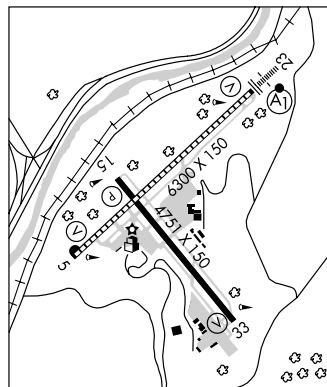
CHARLESTON TOWER 125.7 GND CON 121.8 CLNC DEL 118.55

AIRSPACE: CLASS C svc continuous ctc APP CON**RADIO AIDS TO NAVIGATION:** NOTAM FILE CRW.

CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 083° 8.5 NM to fld. 1099/03W.

ILS/DME 110.3 I-CRW Chan 40 Rwy 23.

ILS/DME 110.3 I-HCV Chan 40 Rwy 05.



CLARKSBURG**NORTH CENTRAL WEST VIRGINIA**

(CKB) 1 NE UTC-5(-4DT) N39°17.80' W80°13.69'

CINCINNATI

1217 B S4 FUEL 80, 100LL, JET A Class I, ARFF Index A. NOTAM FILE CKB

H-10H, 12H, L-29C

RWY 03-21: H7000X150 (ASPH-GRVD) S-80, D-125, ST-158, DT-180, DDT-180 HIRL 0.5% up NE IAP, AD

RWY 03: REIL. VASI(V4L)—GA 3.44° TCH 59'. Trees.

RWY 21: MALSR PAPI(P4L)—GA 3.0° TCH 45'. Trees.

AIRPORT REMARKS: Attended 1000-0400Z†. Fuel not avbl during hours 0400-1000Z†. Deer and birds on and invof arpt. PPR 24 hours for unscheduled air carrier operations with more than 30 passenger seats call arpt manager 304-842-3400. Rwy 21 touchdown rwy visual range avbl. ACTIVATE HIRL Rwy 03-21 and MALSR Rwy 21 and PAPI Rwy 21—CTAF. Ldg fee for all acft over 6500 lbs.

WEATHER DATA SOURCES: ASOS (304) 842-9240. LAWRS.**COMMUNICATIONS:** CTAF 126.7 ATIS 127.825 UNICOM 123.0

CLARKSBURG RCO 122.1R 112.6T (ELKINS RADIO)

Ⓡ CLARKSBURG APP/DEP CON 119.6 (West) 121.15 (East)
(1200-0400Z†)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.95 (0400-1200Z†)

CLARKSBURG TOWER 126.7 (1200-0400Z†) GND CON 121.9

AIRSPACE: CLASS D svc 1200-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CKB.

CLARKSBURG (L) VOR/DME 112.6 CKB Chan 73 N39°15.19'

W80°16.07' 039° 3.2 NM to fld. 1430/04W.

VOR unusable:

056°-081°

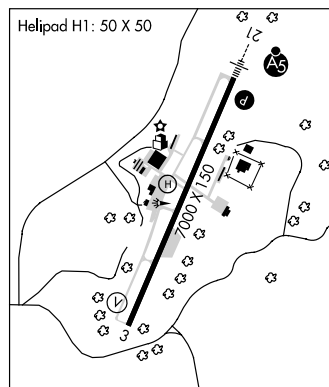
116°-137°

240°-138° blo 9000'

ILS 109.3 I-CKB Rwy 21. Class IB. ILS unmonitored when twr clsd.

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HELIPAD H1: H50X50 (CONC)

HELIPORT REMARKS: Helipad H1 located on FBO apron. Helipad H1 sfc condition fair, pavement cracking.**EASTERN WEST VIRGINIA RGNL**

(See MARTINSBURG)

ELKINS

N38°54.87' W80°05.96' NOTAM FILE EKN.

CINCINNATI

(L) VORTAC 114.2 EKN Chan 89 104° 11.4 NM to Elkins-Randolph

H-10H, 12H, L-29C

Co-Jennings Randolph Fld. 2160/07W. HIWAS.

DME portion unusable:

273°-039° byd 12 NM blo 6000'

081°-189° byd 32 NM blo 9000'

RCO 123.6 122.45 122.2 122.1R 114.2T (ELKINS RADIO)

ELKINS-RANDOLPH CO-JENNINGS RANDOLPH FLD (EKN) 2 S UTC-5(-4DT)

CINCINNATI

N38°53.37' W79°51.43'

L-29C

1987 B FUEL 100LL, JET A TPA-3000(1013) NOTAM FILE EKN

IAP

RWY 14-32: H4543X140 (ASPH) S-10 1.0% up NW

RWY 14: Trees. RWY 32: Thld dsplcd 1390'. Trees.

RWY 05-23: H4501X140 (ASPH) S-28, D-35, DT-56 MRL

0.6% up SW

RWY 05: Trees.

RWY 23: REIL. PAPI (P2L)—GA 5.0° TCH 45'. Trees.

AIRPORT REMARKS: Attended 1330-2200Z†. 24 hr self service 100LL.

24 hr self service Jet A. Svc fee after hours. Rwy 14-32 CLOSED

dusk-dawn. Deer on and in/ov arpt. Twr 100 ft AGL 500 ft SW Rwy

32. Depressed drainage inlets on rwy 10 ft inboard from edges

2-12 inches deep Rwy 05-23 and 14-32. Uncontrolled vehicular

tfc crosses thld Rwy 32. PAPI Rwy 23 NSTD VGS. REIL Rwy 23

NSTD omni-directional. ACTIVATE MRL Rwy 05-23 and REIL Rwy

23-122.9.

WEATHER DATA SOURCES: ASOS 119.275 (304) 636-5603. HIWAS 114.2

EKN.

COMMUNICATIONS: CTAF 123.6

RCO 123.6 122.45 122.2 122.1R 114.2T (ELKINS RADIO)

(R) CLARKSBURG APP/DEP CON 121.15 (1200-0400Z†)

(R) WASHINGTON CENTER APP/DEP CON 128.6 (0400-1200Z†)

AIRSPACE: CLASS E svc 1200-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.

(L) VORTAC 114.2 EKN Chan 89 N38°54.87' W80°05.96' 104° 11.4 NM to fld. 2160/07W. HIWAS.

RANDOLPH CO NDB (HW) 284 RQY N38°53.64' W79°51.57' at fld.

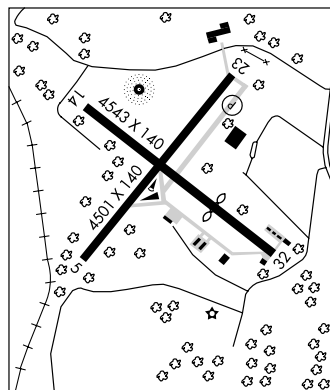
NDB unusable

018°-084° byd 10 NM

085°-017° byd 15 NM

LDA/DME 109.9 I-OUW.

LOC unusable byd 6 NM blo 4500'. DME portion unusable byd 6 NM blo 4500'.

COMM/NAV/WEATHER REMARKS: Ctc Elkins Radio for airport advisory service on 123.6.**FAIRMONT MUNI-FRANKMAN FLD** (4G7) 2 SW UTC-5(-4DT) N39°26.89' W80°10.02'

CINCINNATI

1029 B S4 FUEL 100LL NOTAM FILE EKN

L-29C

RWY 05-23: H2859X75 (ASPH) S-12.5 LIRL(NSTD) 0.7% up SW

IAP

RWY 05: Thld dsplcd 500'. Tree.

RWY 23: REIL. SAVASI(S2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended Apr-Oct 1300Z†-dusk, Nov-Mar 1400-2200Z†. Deer on and in vicinity of arpt. Rwy 05

CLOSED for night landing indef. Rwy 05-23 NSTD LIRL first 200 ft Rwy 05 not lgtd. Radio Towers approximately

300' AGL—1.9 NM NE and 2.2 NM NW. Rwy 05 has +30' hill at southwest end. Rwy 23 has 100' drop-off,

northeast end. Few broken rwy and twy lgts. Parallel twy closed indef. Rwy 05-23 NSTD markings numbers

smaller than recommended. ACTIVATE NSTD LIRL Rwy 05-23, REIL Rwy 23, and VASI Rwy 23—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

(R) CLARKSBURG APP/DEP CON 119.6 (1200-0400Z†) CLNC DEL 118.35

(R) CLEVELAND CENTER APP/DEP CON 126.95 (0400-1200Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.

MORGANTOWN (L) VORTAC 111.6 MGW Chan 53 N39°33.40' W79°51.62' 251° 15.7 NM to fld. 2339/05W

GRANT CO (See PETERSBURG)**GREENBRIER VALLEY** (See LEWISBURG)**HENDERSON** N38°45.25' W82°01.57' NOTAM FILE EKN.

CINCINNATI

(H) VORTAC 115.9 HNN Chan 106 344° 10.2 NM to Mason Co. 880/03W.

H-106, L-26H

VOR portion unusable:

235°-245° byd 20 NM blo 4500'.

346°-019° byd 10 NM blo 10,000'

306°-319° byd 10 NM blo 4000'

RCO 122.1R 115.9T (ELKINS RADIO)

HERRON (See NEW CUMBERLAND)**HUNTINGTON** N38°22.00' W82°33.48'

CINCINNATI

RCO 122.6 122.2 (ELKINS RADIO)

H-106, 12H, L-26H

HUNTINGTON**ROBERT NEWLON FLD** (I41) 6 NE UTC-5(-4DT) N38°27.42' W82°18.83'

CINCINNATI

550 NOTAM FILE EKN

RWY 02-20: 2300X75 (TURF)**RWY 02:** Tree. **RWY 20:** Tree. Rgt tfc.**AIRPORT REMARKS:** Attended irregularly. Rwy 02-20 CLOSED ngt. Emergency phone located at campground adjacent to arpt.**COMMUNICATIONS:** CTAF 122.9**TRI-STATE/MILTON J. FERGUSON FLD** (HTS) 3 S UTC-5(-4DT) N38°22.00' W82°33.48'

CINCINNATI

828 B S4 FUEL 100LL, JET A OX 3, 4 LRA Class I, ARFF Index B

H-10G, 12H, L-26H

NOTAM FILE HTS

IAP, AD

RWY 12-30: H6517X150 (ASPH-GRVD) S-110, D-140, ST-175, DT-230 HIRL**RWY 12:** MALS. PAPI(P4L)—GA 3°TCH 51'. Trees.**RWY 30:** REIL. PAPI(P4L)—GA 3°TCH 47'.**RWY 03-21:** H3007X60 (ASPH) S-12.5 MIRL**RWY 03:** PAPI(P2L)—GA 4°TCH 26'. Trees.**RWY 21:** PAPI(P2L)—GA 4°TCH 33'. Trees.

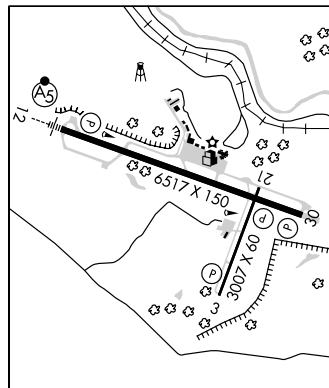
AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ov arpt. Rwy 03-21 CLOSED to air carrier ops. Pilots report possibility of mistaking fuel burning stack located approximately 2 miles west Rwy 12 for apch lighting sequenced flashing lights. Rwy 12 obstruction twr located 5100' west and 600' north end rwy. Rwy 03-21 numerous longitudinal cracks in pavement. Twy A between Rwy 21 and AER 30 restricted to acft with wingspan of 108' or less; Twy G restricted to acft with wingspan of 142' or less. General aviation apron numerous cracks, spalling and joint deterioration. Rwy 12 touchdown RVR avbl. Ldg fee for acft unless fuel purchased. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (304) 453-3408.**COMMUNICATIONS:** ATIS 125.2 UNICOM 122.95**HUNTINGTON RCO** 122.6 122.2 (ELKINS RADIO)Ⓡ **HUNTINGTON APP/DEP CON** 119.75 (South) 128.4 (North)**HUNTINGTON TOWER** 118.5 **GND CON** 121.9**CLNC DEL** 118.05**AIRSPACE:** TRSA svc ctc APP CON**RADIO AIDS TO NAVIGATION:** NOTAM FILE LOU.**NEWCOMBE (L) VORTAC** 110.4 ECB Chan 41 N38°09.50' W82°54.60' 055°20.9 NM to fld. 1070/02W.

ILS 109.9 I-HTS Rwy 12. Class IC. LOC course 191° right of centerline at 1 NM.

ILS 108.7 I-TUU Rwy 30. Class IB.

ASR

**HUNTINGTON/CHESAPEAKE, OH****LAWRENCE CO AIRPARK** (HTW) 2 W UTC-5(-4DT) N38°25.15' W82°29.66'

CINCINNATI

L-26H

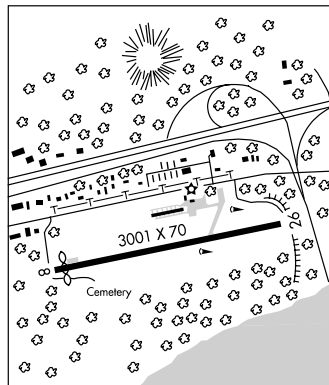
568 B FUEL 100LL NOTAM FILE DAY

RWY 08-26: H3001X70 (ASPH) MIRL (NSTD)**RWY 08:** Thld displcd 173'. Trees. **RWY 26:** Trees.

AIRPORT REMARKS: Attended Oct-Apr 1400Z±-dusk, May-Sep 1300Z±-dusk. Parachute Jumping. Rwy 08-26 many cracks, exhibits Foreign Object Damage. Rwy 08-26 NSTD MIRL 70 ft from rwy edges; Rwy 08 relocated thld 28 ft at ngt; 2973 ft lgtd at ngt.

COMMUNICATIONS: CTAF/UNICOM 122.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE LOU.**YORK (L) VORTAC** 112.8 YRK Chan 75 N38°38.65'

W82°58.70' 125°26.5 NM to fld. 1040/5W.



IVY KNOB N37°47.17' W81°31.12'
RCO 124.3 (ELKINS RADIO)

CINCINNATI
L-261

JACKSON CO (See RAVENSWOOD)

KEE FLD (See PINEVILLE)

KESSEL N39°13.53' W78°59.37' NOTAM FILE EKN.
(L) VOR/DME 110.8 ESL Chan 45 212°15.5 NM to Grant Co. 2590/06W.
RCO 122.1R 110.8T (ELKINS RADIO)

CINCINNATI
H-10H, L-29D

LAWRENCE CO AIRPARK (See HUNTINGTON/CHESAPEAKE, OH)

LEON (W07) 3 S UTC-5(-4DT) N38°42.21' W81°57.14'
563 NOTAM FILE EKN
RWY 03-21: 3100X45 (TURF)

CINCINNATI

RWY 03: Brush. RWY 21: Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Ultraigt activity on and infov arpt. Deer and birds on and infov arpt. 200' hill north of arpt. Unrestricted vehicle access. Rwy 21 ldg area bounded by high brush and trees from thld to first 800' of rwy. Rwy 03-21 outline unmarked. Rwy ldg area bounded by height of brush and trees. Twy at thld of Rwy 03 elevated 3' above rwy on rgt.

COMMUNICATIONS: CTAF 122.9

LEWISBURG

GREENBRIER VALLEY (LWB) 3 N UTC-5(-4DT) N37°51.50' W80°23.97'
2302 B S2 FUEL 100LL, JET A Class I, ARFF Index B NOTAM FILE LWB
RWY 04-22: H7004X150 (ASPH-GRVD) S-90, D-120, ST-152, DT-160 HIRL

CINCINNATI
H-10H, 12H, L-26J
IAP, AD

RWY 04: MALSR. Tree.

RWY 22: REIL. VASI(V4L)—GA 3.0°TCH 59'. Tree.

AIRPORT REMARKS: Attended continuously. Birds and deer on and infov arpt. Hot air balloon activity infov arpt. ACTIVATE HIRL Rwy 04-22, MALSR Rwy 04, VASI Rwy 22 and twy lgts—CTAF. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 304-645-3961. Ldg fee. Multi engine only, fee waived if purchase fuel.

WEATHER DATA SOURCES: AWOS-3 121.4 (304) 645-4533.

COMMUNICATIONS: CTAF 118.9 UNICOM 122.95

WASHINGTON CENTER APP/DEP CON 134.4 CLNC DEL 120.85 (when twr closed)

LEWISBURG TOWER 118.9 (1400-0000Z) GND CON 121.9

AIRSPACE: CLASS D svc effective 1400-0000Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWB.

(L) VOR/DME 116.05 LWB Chan 107Y N37°51.83'

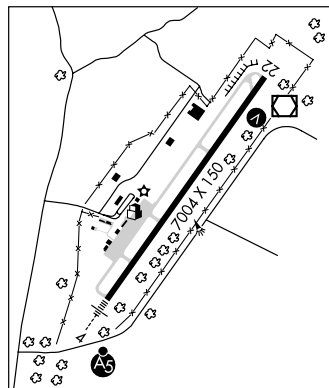
W80°23.52' at fld. 2319/08W. DME unusable 095°-150°, 151°-094° byd 20 NM blo 10,000'.

BUSHI NDB (MHW/LOM) 346 LW N37°46.93' W80°28.11' 042°

5.6 NM to fld. NDB unusable byd 15 NM. NDB unmonitored 0300-1200Z.

ILS 110.35 I-LWB Rwy 04. LOM BUSHI NDB. ILS unmonitored 0300-1200Z.

COMM/NAV/WEATHER REMARKS: Freq 121.5 not avbl at twr.



LOGAN CO (6L4) 4E UTC-5(-4DT) N37°51.34' W81°54.95'

CINCINNATI
L-261
IAP

1667 B S4 FUEL 100LL, JET A NOTAM FILE EKN

RWY 06-24: H3600X75 (ASPH) MIRL 0.3% up NE

RWY 06: PAPI(P2L)—GA 3.0° TCH 41'. Tree.

RWY 24: PAPI(P2L)—GA 3.0° TCH 36'. Tree.

AIRPORT REMARKS: Attended 1300-0100Z. For fuel and svcs after hrs call 304-752-4281. Deer and turkey on and infov arpt. Rwy 06 30' hill 800' from thld left and right. ACTIVATE MIRL Rwy 06-24 and PAPI Rwy 06 and 24—CTAF. No vehicular access to fld without prior arrangement. Rwy 24, blasting 1-2 NM from end of rwy, irregular schedule. Arpt access code—CTAF.

COMMUNICATIONS: CTAF 122.9

CHARLESTON APP/DEP CON 119.2 (North)

INDIANAPOLIS CENTER APP/DEP CON 126.575 (South)

RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.

CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98' W81°46.19'

196° 30.4 NM to fld. 1099/03W.

MARSHALL CO (See MOUNDSVILLE)

MARTINSBURG N39°23.14' W77°50.90' NOTAM FILE MRB.
 (L) **VORTAC** 112.1 MRB Chan 58 289° 5.9 NM to Eastern West
 Virginia Rgnl/Shepherd Fld. 600/07W.
 DME portion unusable byd 35 NM blo 4000'.
RCO 122.1R 112.1T (LEESBURG RADIO) **RCO** 122.45 (ELKINS RADIO)

WASHINGTON
 H-10H, 121, L-29D, A

MARTINSBURG

EASTERN WEST VIRGINIA RGNL/SHEPHERD FLD (MRB) 4 S UTC-5(-4DT)

WASHINGTON
 H-10H, 121, L-29D, A
 IAP, AD

N39°24.11' W77°59.08'

565 B S4 **FUEL** 100LL, JET A TPA—(See Remarks) NOTAM FILE MRB

RWY 08-26: H7815X150 (ASPH-GRVD) S-75, D-135, ST-175,
 DT-300, DDT-650 HIRL

RWY 08: Ground.

RWY 26: MALSR. VASI(V4L)—GA 3.0° TCH 53'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1000-0200Z†, Sat-Sun
 1200-2000Z†. Other times by NOTAM. For fuel after hrs call
 304-262-2507. Fuel trucks on southeast portion of civilian
 ramps. Deer and birds on and in/ovf arpt. Twy B clsd from
 T-hangar twy lane south. No grass lgds. Mowing in progress
 spring through autumn yearly. When twr clsd **ACTIVATE** MALSR Rwy
 26, HIRL Rwy 08-26, and twy lgts—CTAF. TPA: Rectangular tfc
 pattern for all acft 1608 (1043); overhead pattern 2108 (1543).
 Ldg fee. Fee for acft greater than 6500 lbs gross weight.

WEATHER DATA SOURCES: ASOS 119.925 (304) 264-0988. Unmonitored
 when ATCT clsd.

COMMUNICATIONS: CTAF 124.3 **UNICOM** 122.95

MARTINSBURG RCO 122.45 (ELKINS RADIO)

® **POTOMAC APP/DEP CON** 126.1

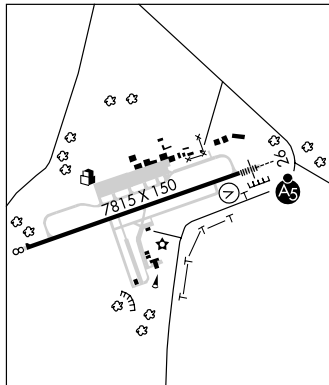
MARTINSBURG TOWER 124.3 (Mon-Fri 1000-0200Z†, Sat-Sun
 1200-2000Z† other times by NOTAM)

GND CON 121.8 **POTOMAC CLNC DEL** 126.82 (When MRB twr clsd)

AIRSPACE: CLASS D svc Mon-Fri 1000-0200Z†, Sat-Sun 1200-2000Z†, and by NOTAM, other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) VORTAC 112.1 MRB Chan 58 N39°23.13' W77°50.90' 286° 6.4 NM to fld. 600/07W.
 ILS 108.3 I-EXW Rwy 26. Class IE.

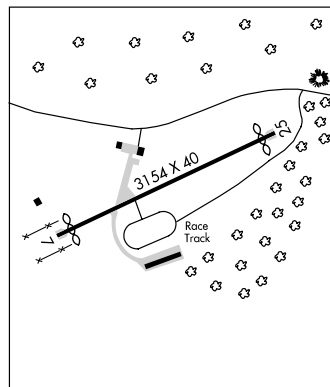
**MASON CO** (See POINT PLEASANT)**MERCER CO** (See BLUEFIELD)**MID-OHIO VALLEY RGNL** (See PARKERSBURG)

MILTON**ONA AIRPARK** (12V) 4W UTC-5(-4DT) N38°26.45' W82°12.05'572 S2 **FUEL** 80, 100LL NOTAM FILE EKN**RWY 07-25:** H3154X40 (ASPH) LIRL(NSTD)**RWY 07:** Thld dsplcd 134'. Trees.**RWY 25:** Thld dsplcd 129'. Ground.**AIRPORT REMARKS:** Attended 1300Z±-dusk. Fuel 24 hr self-service.

Balloon port 2 miles E. Noise abatement procedures in effect; departures Rwy 25 should head 240° and departures Rwy 07 should head 090° to 1600 ft altitude. Rwy 07-25 NSTD LIRL; dsplcd thld lgts 360° green lgts one each side of rwy. Rwy 07-25 surface extensive cracking. Rwy exit to ramp has depression marked by cone. Rwy 07-25 dsplcd thlds nights only. Rwy 07 and Rwy 25 dsplcd thlds unmarked. Fence, poles, buildings in primary surface west side. 90 ft pole 1000 ft east of apch end Rwy 07; 90 ft pole 1300 ft east apch end Rwy 07.

COMMUNICATIONS: CTAF/UNICOM 122.8① **CHARLESTON APP CON** 124.1① **HUNTINGTON DEP CON** 119.75**RADIO AIDS TO NAVIGATION:** NOTAM FILE CRW.

CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 288° 21 NM to fld. 1099/03W.

CINCINNATI
L-26H
IAP**MINGO CO** (See WILLIAMSON)**MORGANTOWN MUNI-WALTER L. BILL HART FLD** (MGW) 3 E UTC-5(-4DT)

N39°38.58' W79°54.98'

1248 B S2 **FUEL** 100LL, JET A Class I, ARFF Index A.

NOTAM FILE MGW

RWY 18-36: H5199X150 (ASPH-GRVD) S-65, D-90, ST-114, DT-175 HIRL**RWY 18:** MALSR. PAPI(P4L)—GA 3.0°TCH 60'. Tree.**RWY 36:** VASI(V4L)—GA 3.0°TCH 52'.**RWY 05-23:** H2769X75 (ASPH) S-12.5 MIRL

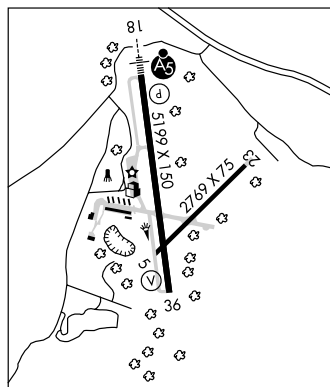
AIRPORT REMARKS: Attended 1000-0500Z±. FBO hours are from 1000Z± until 0500Z±, 24 hr phone number 304-296-2359. Deer and birds on and in/ovf arpt. Be Alert: Possibility of turbulence in/ovf power plant stacks 3.6 miles N of afld during cold weather. PPR 24 hrs for unscheduled air carrier ops call arpt manager 304-291-7461. When twr clsd ACTIVATE HIRL Rwy 18-36; MIRL Rwy 05-23; MALSR Rwy 18 and twy lgts—CTAF. Ldg fee for acft 6500 lbs and over.

WEATHER DATA SOURCES: ASOS 120.675 (304) 296-7103.**COMMUNICATIONS:** CTAF 125.1 UNICOM 122.95

RCO 122.1R 111.6T 122.6 (ELKINS RADIO)

① **CLARKSBURG APP/DEP CON** 121.15 (1200-0400Z±)① **CLEVELAND CENTER APP/DEP CON** 126.95 (0400-1200Z±)**TOWER** 125.1 (1200-0400Z±) **END CON** 121.7**AIRSPACE:** CLASS D svc 1200-0400Z± other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MGW.(L) **VORTAC** 111.6 MGW Chan 53 N39°33.40' W79°51.62' 338° 5.8 NM to fld. 2339/05W.

ILS 108.5 I-MGW Rwy 18. Class IE. Unmonitored when twr clsd.

CINCINNATI
H-10H, 12H, L-29C
IAP, AD

MOUNDSVILLE**MARSHALL CO** (MPG) 3 S UTC-5(-4DT) N39°52.85' W80°44.15'

CINCINNATI

1214 B S2 FUEL 100LL NOTAM FILE EKN

L-29B

RWY 06-24: H3302X60 (ASPH) S-12.5 MIRL 0.6% up SW

IAP

RWY 06: PAPI(P2R)—GA 4.0° TCH 26'. Tower. **RWY 24:** PAPI(P2R)—GA 3.0° TCH 40'. Trees.**AIRPORT REMARKS:** Attended 1330Z±-dusk. ACTIVATE MIRL Rwy 06-24—CTAF. PAPI Rwy 06 and Rwy 24 opr continuously. PAPI Rwy 24 may be partially obscured by brush.**WEATHER DATA SOURCES:** AWOS-3 119.05 (304) 845-2959.**COMMUNICATIONS:** CTAF/UNICOM 122.7

CLEVELAND CENTER APP/DEP CON 120.4

RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.**BELLAIRE (H) VOR/DME** 117.1 AIR Chan 118 N40°01.02' W80°49.04' 162° 9 NM to fld. 1290/07W. VOR unmonitored.**NEW CUMBERLAND****HERRON** (7G1) 3 NE UTC-5(-4DT) N40°32.00' W80°32.40'

DETROIT

1226 B S2 FUEL 80, 100LL TPA-2001(775) NOTAM FILE EKN

RWY 04-22: H2030X20 (ASPH) LIRL(NSTD)**RWY 04:** Trees. **RWY 22:** Trees.**RWY 01-19:** 1200X24 (TURF)**RWY 01:** Tree. **RWY 19:** Tree.**AIRPORT REMARKS:** Attended irregularly. Repairs by prior arrangement. Attendant not on duty. Former Rwy 14-32 clsd except taxiing and parking. Rwy 04 and Rwy 22 ends not vis fm each end. Traffic on road crossing rwy not visible fm Rwy 4 end. Public road crosses center of afld, do not taxi on road, wing will not clear stop sign on road. Rwy 04-22 slopes up fm east to west, approximately 30 feet. 30 foot drop off at each rwy end. Rwy 04-22 has extensive cracking, grass growing full length, asph uneven. Deer on and invof arpt. Ultralight activity. Arpt lgts opr dusk-0400Z±. ACTIVATE NSTD LIRL Rwy 04-22 5 times on/5 times off-123.0. Rwy 04-22 lgts on SE side only. Rwy 04-22 centerline marked by irregular shaped diamonds.**COMMUNICATIONS:** CTAF 122.9**NEW MARTINSVILLE****P W JOHNSON MEM** (75D) 2 N UTC-5(-4DT) N39°41.04' W80°51.74'

CINCINNATI

632 B TPA-2432(1800) NOTAM FILE EKN

RWY 01-19: 2100X73 (TURF) LIRL**RWY 01:** VASI(NSTD). Pole. **RWY 19:** Trees.**AIRPORT REMARKS:** Unattended. Ultralights on and invof arpt. Ultralights use rgt tfc for Rwy 19. Birds on and invof arpt. 1700' MSL twr 0.58 mi northwest of Rwy 19 end. Rwy 19 has rising terrain in north approach. Ditch on W side of rwy in front of hangers. Use rwy exits marked by tires or lgts. ACTIVATE LIRL Rwy 01-19 and rotating bcn-CTAF. Rwy 01-19 soft when wet, mud covers some areas. Rwy 01-19 marked with tires painted white. Dirt svc road for arpt use only, crosses Rwy 01 end 0-45 ft out.**COMMUNICATIONS:** CTAF 122.9**NORTH CENTRAL WEST VIRGINIA** (See CLARKSBURG)**ONA AIRPARK** (See MILTON)**P W JOHNSON MEM** (See NEW MARTINSVILLE)**PARKERSBURG** N39°26.47' W81°22.49' NOTAM FILE PKB.

CINCINNATI

(L) VORTAC 108.6 JPU Chan 23 211° 6.5 NM to Mid-Ohio Valley Rgnl. 1030/03W.

H-10G, 12H, L-29B

RCO 122.4 122.1R 108.6T (ELKINS RADIO)

PARKERSBURG**MID-OHIO VALLEY RGNL** (PKB) 6 NE UTC-5(-4DT)

N39°20.71' W81°26.35'

858 B S2 FUEL 100LL, JET A Class I, ARFF Index A.

NOTAM FILE PKB

RWY 03-21: H6781X150 (ASPH-GRVD) S-85, D-100, ST-127, DT-175 HIRL 0.8% up NE.

RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 71'.

RWY 21: REIL. VASI(V4R)—GA 3.0° TCH 56'.

RWY 10-28: H4000X150 (ASPH) S-50, D-75, ST-95, DT-135 HIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 51'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 52'.

AIRPORT REMARKS: Attended continuously. PPR 30 min for unscheduled air carrier ops with more than 30 passenger seats; call arpt manager 304-464-5113. Deer on and in/ov arpt. Rwy 03 touchdown rwy visual range avbl. When twr clsd ACTIVATE HIRL Rwy 03-21 and 10-28; twy lgts; MALSR Rwy 03; REIL Rwy 10—CTAF. VASI Rwy 21 unusable byd 005° left and 009° right of rwy centerline. Rwy 28 PAPI unusable byd 008° left and 008° right of rwy centerline. No landing fee for acft less than 6,500 lbs. for acft greater than 6,500, landing fee waived with fuel purchases.

WEATHER DATA SOURCES: ASOS (304) 464-5547.**COMMUNICATIONS:** CTAF 123.7 ATIS 124.35 UNICOM 122.95

① INDIANAPOLIS CENTER APP/DEP CON 125.55

PARKERSBURG TOWER 123.7 (1200-0400Z) GND CON 121.7

AIRSPACE: CLASS D svc 1200-0400Z other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE PKB.

PARKERSBURG (L) VORTAC 108.6 JPU Chan 23 N39°26.47' W81°22.49' 211° 6.5 NM to fld. 1030/03W.

VERSI NDB (LOM) 388 PK N39°15.25' W81°29.10' 028° 5.9 NM to fld.

ILS 110.7 I-PKB Rwy 03. LOM VERSI NDB.

COMM/NAV/WEATHER REMARKS: VERSI LOM unusable 000°-094° byd 10 NM blo 3,000'; 095°-149° all altitudes and distances; 150°-210° byd 10 NM.



CINCINNATI

H-10G, 12H, L-29B

IAP, AD

PETERSBURG**GRANT CO** (W99) 1 SW UTC-5(-4DT) N38°59.70' W79°08.75'

CINCINNATI

963 B S3 FUEL 100LL, JET A OX 4 NOTAM FILE EKN

H-10H, 12H, L-29D

RWY 13-31: H5000X75 (ASPH) S-12.5 MIRL

IAP

RWY 13: Trees. RWY 31: REIL. PAPI(P4L)—GA 6.0°. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z, Sat 1400-2200Z, Sun 1500-2200Z. Self service fuel avbl 24 hrs a day with credit card, Jet A by req after hrs. Glider ops. Rwy 31 right traffic for glider and ultra-light only. All other powered acft standard left traffic pattern. Bird activity on and in/ov arpt. Pilot-controlled lgtng OTS indef. ACTIVATE MIRL Rwy 13-31; REIL Rwy 31 and PAPI Rwy 31—CTAF.

WEATHER DATA SOURCES: AWOS-3 124.475 (304) 257-2477.**COMMUNICATIONS:** CTAF/UNICOM 122.8

① WASHINGTON CENTER APP/DEP CON 133.65

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

KESSEL (L) VOR/DME 110.8 ESL Chan 45 N39°13.53' W78°59.37' 214° 15.6 NM to fld. 2590/06W.

LDA/DME 111.5 I-IYQ Chan 52 Rwy 31. LOC unusable byd 10 NM blo 4200'. DME unusable blo 4500' byd 10 NM; blo 4900' byd 13 NM; blo 5200' byd 14 NM; blo 5900' byd 15 NM, byd 19 NM.

PHILIPPI**PHILIPPI/BARBOR CO RGNL** (79D) 2 NW UTC-5(-4DT) N39°09.97' W80°03.74'

CINCINNATI

1755 B FUEL 100LL NOTAM FILE EKN

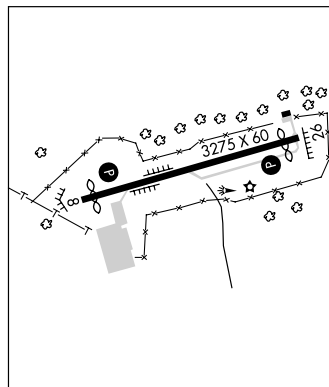
L-29C

RWY 08-26: H3275X60 (ASPH) MIRL

IAP

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Thld dspcd 140'. Tree.**RWY 26:** PAPI(P2L)—GA 3.0° TCH 20'. Thld dspcd 225'. Ground.**AIRPORT REMARKS:** Unattended. Fuel 24hr self-serve. Rwy 26 186 ft ridge approximately 3200 ft from thld; 550 ft right. Rwy 26 500' dropoff 50' from thld. Rwy 08 150' dropoff 112' from thld.

ACTIVATE MIRL Rwy 08-26, PAPI Rwy 08, Rwy 26 and REIL Rwy 08—CTAF. REIL Rwy 08 omni directional.

COMMUNICATIONS: CTAF 122.9Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200-0400Z‡)Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400-1200Z‡)**RADIO AIDS TO NAVIGATION:** NOTAM FILE CKB.**CLARKSBURG (L) VOR/DME** 112.6 CKB Chan73 N39°15.19' W80°16.07' 122° 10.9 NM to fld. 1430/04W.**SIMPSON** (9W3) 3 S UTC-5(-4DT) N39°05.61' W80°01.55'

CINCINNATI

1960 NOTAM FILE EKN

RWY 01-19: 1500X50 (TURF)**RWY 01:** Road. **RWY 19:** Trees.**AIRPORT REMARKS:** Attended continuously. Deer on and in vicinity of arpt. Unlimited vehicle access to arpt. Rwy 19 has 50' drop-off 75' from thld. Rwy 01 has 15' public road at rwy end. Rwy 01-19 ldg area outlined with white tires.**COMMUNICATIONS:** CTAF 122.9**PINEVILLE****KEE FLD** (I16) 2 NW UTC-5(-4DT) N37°36.03' W81°33.56'

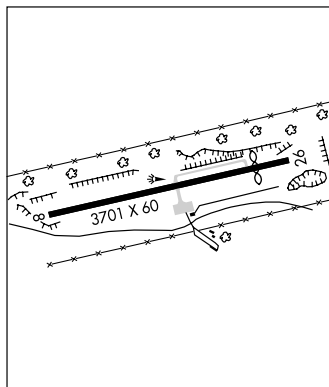
CINCINNATI

1783 B FUEL 100LL NOTAM FILE EKN

L-26I

RWY 08-26: H3701X60 (ASPH) S-13 MIRL 1.6% up NE

IAP

RWY 08: REIL. Trees.**RWY 26:** REIL. Thld dspcd 590'. Trees.**AIRPORT REMARKS:** Attended daylight hours. For arpt attendant after hours call 304-732-7372. Wildlife on and invof arpt. Birds invof midpoint of rwy. ACTIVATE MIRL Rwy 08-26 REIL Rwy 08 and Rwy 26—CTAF.**WEATHER DATA SOURCES:** AWOS-3 120.625 (304) 732-7311.**COMMUNICATIONS:** CTAF/UNICOM 122.8**BECKLEY RCO** 122.1R 117.7T (ELKINS RADIO)Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 126.575**RADIO AIDS TO NAVIGATION:** NOTAM FILE BKW.**BECKLEY (H) VORTAC** 117.7 BKW Chan 124 N37°46.82' W81°07.41' 249° 23.4 NM to fld. 2500/06W. **HIWAS.**

POINT PLEASANT**MASON CO** (312) 4 NE UTC-5(-4DT) N38°54.88' W82°05.92'**CINCINNATI**

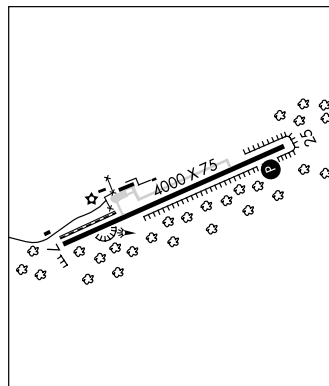
643 B FUEL 100LL NOTAM FILE EKN

L-29B**RWY 07-25:** H4000X75 (ASPH) S-24 MIRL 0.4% up SW**IAP****RWY 07:** Brush.**RWY 25:** PAPI(P2L)—GA 3.0° TCH 40'. Trees.

AIRPORT REMARKS: Attended 1400-2200Z±. Steam from cooling towers NW occasionally obscures obstruction lgts on tower North. Deer on and in vicinity of arpt. 6-8' brush parallel to Rwy 25, 50' from lights. Airframe repairs avbl on call, none based at arpt. Portion of ramp and one rwy exit unsafe due to soft weak asphalt paving. Area marked by lgtd barricade unusable. ACTIVATE MIRL Rwy 07-25 and PAPI Rwy 25—CTAF.

WEATHER DATA SOURCES: AWOS-3 119.675 (304) 675-4618.**COMMUNICATIONS:** CTAF/UNICOM 122.8**HENDERSON RCO 122.1R 115.9T (ELKINS RADIO)****® HUNTINGTON APP/DEP CON 128.4****RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.**HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25'**

W82°01.57' 344° 10.2NM to fld. 880/03W.

**POTOMAC AIRPARK** (See BERKELEY SPRINGS)**RAINELLE** N37°58.52' W80°48.39' NOTAM FILE EKN.**CINCINNATI**

(L) VOR 116.6 RNL

L-261**RCO 122.1R 116.6T (ELKINS RADIO)****RALEIGH CO MEM** (See BECKLEY)**RANDOLPH CO** N38°53.64' W79°51.57' NOTAM FILE EKN.**CINCINNATI****NDB (HW) 284 RQY** at Elkins-Randolph Co-Jennings Randolph Fld.**L-29C**

NDB unusable:

018°-084° byd 10 NM

085°-017° byd 15 NM

RAVENSWOOD**JACKSON CO** (I18) 6 SW UTC-5(-4DT) N38°55.79' W81°49.17'**CINCINNATI**

758 B S4 FUEL, 100LL TPA-1758(1000) NOTAM FILE EKN

L-29B**RWY 04-22:** H4001X75 (ASPH) 12.5 MIRL 0.5% up NE**IAP****RWY 04:** REIL. PAPI(P2L)—GA 3.0° TCH 44'. Trees.**RWY 22:** REIL. PAPI(P2L)—GA 4.0° TCH 46'. Trees.

AIRPORT REMARKS: Attended 1300-2100Z±. Parachute Jumping. Deer on and invof arpt. +481 ft stack ½ mile NW of arpt. Trees on ridgeline crossing extended centerline. 25' trees parallel to Rwy 04 15' left of edge lgts from thld to +1000. Rotating bcn obscured to the E. ACTIVATE MIRL Rwy 04-22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22, and windsock lgt—CTAF.

WEATHER DATA SOURCES: AWOS-2 121.3 (304) 273-3424.**COMMUNICATIONS:** CTAF/UNICOM 122.8**HUNTINGTON APP/DEP CON 128.4****RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.**HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25' W82°01.57' 046° 14.3 NM to fld. 880/03W.**

RICHHOOD MUNI (3I4) 6 W UTC-5(-4DT) N38°15.51' W80°39.04'

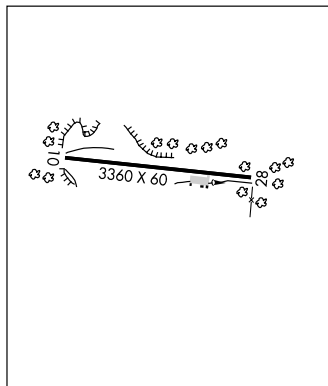
CINCINNATI

2486 NOTAM FILE EKN

L-26I

RWY 10-28: H3360X60 (ASPH)**RWY 10:** Ridge. **RWY 28:** Trees.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED ngts except in case of emergency, 5 clicks on CTAF for emergency lgts. Deer and turkeys on and invof arpt. Unlimited vehicle access to rwy. Rwy frequently snow covered winter months. Rwy 10-28 soft shoulders. Rwy 10-28 LIRL NSTD spacing, no thld lgts.

COMMUNICATIONS: CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BKW.**BECKLEY (H) VORTAC** 117.7 BKW Chan 124 N37°46.82'W81°07.41' 045° 37.1 NM to fld. 2500/06W. **HIWAS.****ROBERT NEWLON FLD** (See HUNTINGTON)**SHINNSTON****WADE F MALEY FLD** (6WØ) 1 NE UTC-5(-4DT) N39°24.42' W80°16.61'

CINCINNATI

962 NOTAM FILE EKN

RWY 05-23: 2265X45 (TURF)**RWY 05:** Trees. **RWY 23:** Gnd. Rgt tfc.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Unlimited vehicle access to arpt. Rwy 23 15' drop-off 10' from thld OB. Rwy 05 20' drop-off 15' from thld OB. High terrain all quadrants. Rwy 05-23 +20' pole middle of rwy 75' left and right of centerline. 400' ridge/trees 1,100' from thld Rwy 23 OB. 15' drop-off 45' from centerline full length both sides of Rwy 05-23. Apch Rwy 23 from NW; Depart Rwy 05 to NW due to ridge NE of arpt.

COMMUNICATIONS: CTAF 122.9**SIMPSON** (See PHILIPPI)**SPENCER****BOGGS FLD** (14P) 1 N UTC-5(-4DT) N38°49.43' W81°20.97'

CINCINNATI

927 B **FUEL** 80, 100LL, JET A TPA—See Remarks NOTAM FILE EKN

L-29B

RWY 09-27: H4553X80 (ASPH) MIRL**RWY 09:** REIL. Ground. **RWY 27:** REIL. P-line.

AIRPORT REMARKS: Unattended. 24 hr self service credit card fuel. Wildlife and deer on and invof rwy.

TPA—1927(1000) single/multiengine acft, 2427(1500) turbine/large acft. ACTIVATE MIRL Rwy 09-27 and REIL Rwy 09 and Rwy 27—CTAF. ACTIVATE rotating bcu—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.725**RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.**HENDERSON (H) VORTAC** 115.9 HNN Chan 106

N38°45.25' W82°01.57' 085° 32 NM to fld. 880/3W.

SUMMERSVILLE (SXL) 3 S UTC-5(-4DT) N38°13.90' W80°52.25'

CINCINNATI

1820 B FUEL 100LL NOTAM FILE EKN

L-261

RWY 04-22: H3015X50 (ASPH) MIRL 0.4% up NE

IAP

RWY 04: REIL. Trees. RWY 22: REIL. VASI(V2L). Trees.

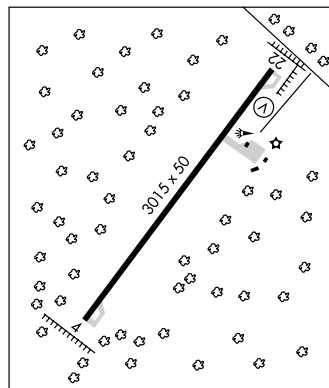
AIRPORT REMARKS: Attended 1400Z-2200Z†. Fuel available after hours by prior arrangement call 304-872-3660. Rwy 04-22 trees penetrating final approach surfaces. Deer on and invof arpt. Rwy 04 50' drop-off from thld. Rwy 22 30' drop-off 120' from thld OB. Rwy 22 VASI OTS indef. Rwy 04 and 22 REIL OTS indef. ACTIVATE MIRL Rwy 04-22—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

® CHARLESTON APP/DEP CON 119.2

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82' W81°07.41' 030° 29.6 NM to fld. 2500/06W. HIWAS.



SUTTON

BRAXTON CO (48I) 3 E UTC-5(-4DT) N38°41.23' W80°39.13'

CINCINNATI

1276 B FUEL 100LL, JET A NOTAM FILE EKN

L-29C

RWY 01-19: H3995X60 (ASPH-AFSC) S-12 MIRL 0.6% up N

IAP

RWY 01: REIL. Thld dspcd 409'. Trees.

RWY 19: REIL. Trees.

AIRPORT REMARKS: Unattended. Rwy 01-19 has 2 inch pavement lip and soft shoulder. Bcn located 1/4 mile NW of arpt. Gate access use 1234 or 0765 after 0000Z†. After 0400Z† ACTIVATE MIRL Rwy 01-19, REIL Rwy 01 and Rwy 19—CTAF.

COMMUNICATIONS: CTAF 122.9

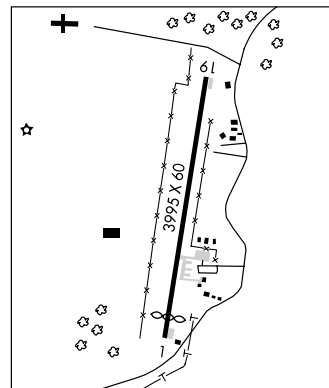
® CLARKSBURG APP/DEP CON 121.15 (1200-0400Z†)

INDIANAPOLIS CENTER APP/DEP CON 125.55 (0400-1200Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

ELKINS (L) VORTAC 114.2 EKN Chan 89 N38°54.87'

W80°05.96' 249° 29.3 NM to fld. 2160/07W. HIWAS.



TITUS FLD (See ARTHURDALE)

TRI-STATE/MILTON J. FERGUSON FLD (See HUNTINGTON)

UPSHUR CO RGNL (See BUCKHANNON)

VERSI N39°15.25' W81°29.10' NOTAM FILE PKB.

NDB (LOM) 388 PK 028° 5.9 NM to Mid-Ohio Valley Rgnl.

LOM unusable: 000°-094° byd 10 NM blo 3,000' 095°-149°

150°-210° byd 10 NM.

WADE F MALEY FLD (See SHINNSTON)

WELCH MUNI (I25) 3 SE UTC-5(-4DT) N37°25.01' W81°31.74'

CINCINNATI

2118 NOTAM FILE EKN

RWY 09-27: H2695X50 (ASPH) MIRL (NSTD)

RWY 09: Tree.

AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Rwy slopes to WEST... drops off sharply. Rwy 09-27 pavement surface rough and cracking. First 300 ft Rwy 27 has 3° bend. Rwy 09-27 NSTD MIRL; no thld lgts; NSTD spacing. NSTD MIRL OTS indef. Taxi transition to apron Rwy 09-27 unmarked.

COMMUNICATIONS: CTAF 122.9

WHEELING OHIO CO (HLG) 8 NE UTC-5(-4DT) N40°10.50' W80°38.78'

CINCINNATI

1195 B S2 FUEL 100LL, JET A NOTAM FILE HLG

H-10G, 12H, L-29B

RWY 03-21: H5001X150 (ASPH-GRVD) S-120, D-170, ST-175, DT-290 HIRL 0.5%up NE IAP, AD

RWY 03: MALSF. Trees.

RWY 21: REIL. VASI(V4L)—GA 3.0° TCH 42'.

RWY 16-34: H4497X150 (ASPH) S-110, D-143, ST-175, DT-230

MIRL

0.4% up SE

RWY 16: Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 42'. Trees.

AIRPORT REMARKS: Attended Mon-Fri 1200-0400Z†, Sat-Sun

1300-0100Z†. Fuel avbl 1300-0100Z†. For emergency fuel call

304-234-3865/336-7738. Birds and deer on and invof arpt.

REIL Rwy 21 OTS indef. When twr clsd ACTIVATE HIRL Rwy 03-21.

MIRL Rwy 16-34, MALSF Rwy 03, VASI Rwy 21, PAPI Rwy 34, REIL

Rwy 21 and Rwy 34, and all twy lgts except Twy A—CTAF. Marked

helicopter final approach tkf area. Overnight tiedown fee.

WEATHER DATA SOURCES: ASOS 127.375 (304) 277-3504.

COMMUNICATIONS: CTAF 118.1 UNICOM 122.95

WHEELING RCO 118.65 122.1R 112.2T (ELKINS RADIO)

® **PITTSBURGH APP/DEP CON** 125.275

WHEELING TOWER 118.1 (1200-0300Z† Mon-Fri, 1500-0100Z†

Sat-Sun) **GND CON** 121.75

AIRSPACE: CLASS D svc effective Mon-Fri 1200-0300Z†, Sat-Sun 1500-0100Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.

(L) **VOR/DME** 112.2 HLG Chan 59 N40°15.59' W80°34.12' 222° 6.2 NM to fld. 1269/07W.

VOR portion unusable:

020°-026° byd 15 NM

027° byd 20 NM

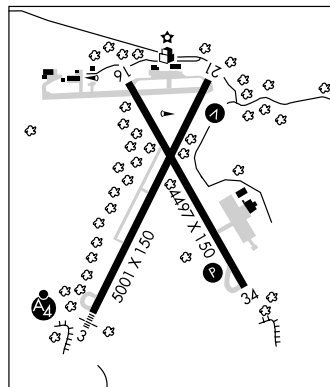
028°-039° byd 10 NM

080°-100° byd 15 NM blo 11,000'

123°-133° blo 4000

150°-170° byd 15 NM

ILS 109.7 I-HLG Rwy 03. Class IE. ILS unmonitored when twr clsd. GS unusable for coupled apch blo 1401'.



WILLIAMSON**MINGO CO**

(410) 1 NE UTC-5(-4DT) N37°41.26' W82°15.66'

1575 FUEL 100LL NOTAM FILE EKN

RWY 06-24: H3515X60 (ASPH) S-9

RWY 06: Tree. RWY 24: Thld displcd 515'. Tree.

AIRPORT REMARKS: Unattended. No ops SS-SR. UNICOM unmonitored.

COMMUNICATIONS: CTAF/UNICOM 122.8

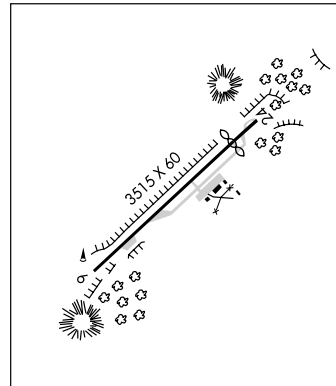
RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) VORTAC 110.4 ECB Chan 41 N38°09.50'

W82°54.60' 134° 41.8 NM to fld. 1070/02W.

CINCINNATI

L-26H

**YEAGER**

(See CHARLESTON)

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2009 U.S. & CANADIAN MILITARY AERIAL AIRCRAFT/PARACHUTE DEMONSTRATIONS

During CY 2009, the U.S. and Canadian Military Aerial Demonstration Teams (Thunderbirds, Blue Angels, Snowbirds, and Golden Knights) will be performing on the dates and locations listed below.

Pilots should expect Temporary Flight Restrictions (TFR) in accordance with 14 CFR Section 91.145, Management of aircraft operations in the vicinity of aerial demonstrations and major sporting events. The dimensions and effective times of the TFRs may vary based upon the specific aerial demonstration event and will be issued via the U.S. NOTAM system. Pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding these airspace restrictions.

The currently scheduled 2009 aerial demonstration locations, subject to change without notice, are:

DATE:		USAF Thunderbirds	USN Blue Angels	Canadian Snowbirds	USA Golden Knights
October	24-25		Fort Worth, TX		Fort Worth, TX
	24-25				Pinehurst, NC
	31		Houston, TX		
November	1		Houston, TX		
	7-8	Homestead AFB, FL	Jacksonville Beach, FL		
	13-14		NAS Pensacola, FL		
	14-15	Nellis AFB, NV			

Note: Dates and locations are scheduled "show dates" only and do not reflect arrival or practice date TFR periods that may precede the specific aerial demonstration events listed above. Again, pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding any airspace restrictions.



Washington DC SFRA

Special Terms & Procedures

Procedures for Traffic Pattern Work:

Towered Airport: Request pattern work from tower; squawk 1234, remain in two-way communication with tower.

Non-Towered Airport: File DC SFRA flight plan; obtain and squawk discrete transponder code, communicate pattern position via published CTAF, and have ability to monitor VHF guard on 121.5 or UHF guard on 243.0

ATC Terms Specific to the DC SFRA:

Security services: Identification, communications and security tracking provided by an ATC facility in support of DOD, or other security elements. **NOTE:** *Security services do not include basic radar services or any other ATC services.*

Transponder observed: Used to inform a pilot that the aircraft's assigned beacon code and position has been observed. This transmission does *not* imply ATC services. It conveys only that the transponder reply has been observed and its position correlated for movement through security airspace.

Remain on the code until you land: Used when Potomac hands an inbound VFR flight off to the tower or authorizes change to advisory frequency for non-towered airports. It reminds pilots to remain on the assigned discrete transponder code until after landing. **NEVER squawk 1200 inside the DC SFRA.**

Emergency Procedures:

Transponder failure: An aircraft unable to transmit the ATC-assigned transponder code must contact ATC and comply with all instructions. If unable to contact ATC, the aircraft must exit the DC SFRA by the most direct lateral route.

Intercepts: Review interception procedures in the AIM. If you are intercepted, follow all instructions given by the intercepting aircraft. Monitor 121.5, provide call sign / position, and squawk 7700 unless otherwise directed.

Potomac TRACON Telephone Numbers

Area Name	Nearest major airport)	Telephone
Shenandoah	Dulles (IAD)	1-866-709-4993 1-540-349-4097
Mount Vernon	Reagan National (DCA) Andrews AFB (ADW)	1-866-599-3874 1-540-349-0493
Chesapeake	Baltimore (BWI)	1-866-429-5882 1-540-349-8478
James River	Richmond (RIC) Charlottesville (CHO)	1-866-640-4124 1-540-349-9697



Washington DC SFRA Standard Requirements

Requirements to operate to/from, or within the DC SFRA (effective 0001 EST 17 February 2009)

1. Two-way radio
2. Operating transponder with altitude reporting (Mode C)
3. Flight plan appropriate to intended operation:
 - IFR: IFR flight plan
 - VFR: DC SFRA flight plan for all operations, *except*:
 - Fringe airport egress (*no flight plan required*)
 - Towered airport pattern work (*make request to tower*)
4. Discrete transponder code for all operations, *except*:
 - Leesburg (JYO) ingress (1227) or egress (1226)
 - Fringe airport egress (1205)
 - Towered airport pattern work (1234)
5. VFR speed restriction (≤ 180 KIAS in DC SFRA, & ≤ 230 KIAS from 30 NM - 60 NM from DCA VOR/DME unless otherwise authorized.)
6. Communication with ATC for all operations, *except*:
 - Leesburg (JYO) ingress/egress: make CTAF calls
 - Fringe airport egress: monitor guard if able
 - Towered airport pattern work: talk to tower
 - Non-towered airport pattern work:
 - Make CTAF calls & monitor guard if able

Activate: A DC SFRA flight plan to enter/exit the DC SFRA under VFR activates when the pilot obtains a discrete transponder code *except*:

- Leesburg (JYO) ingress/egress: with CTAF calls
- Fringe airport egress: when pilot squawks 1205
- Towered airport pattern: with squawk & talk
- Non-towered airport pattern: with CTAF calls

Closing: The DC SFRA flight plan closes when the aircraft exits or lands at an airport inside the DC SFRA.

Washington DC SFRA VFR Outbound Procedures*

Step 1: Preflight—File a DC SFRA Flight Plan

- ALWAYS review NOTAMs for current TFR information.
- File DC SFRA flight plan.
“I would like to file a DC SFRA flight plan for VFR flight from (departure airport) to (appropriate exit gate)”
- If desired, file separate VFR flight plan (search-and-rescue) to be activated after exiting the DC SFRA.

Step 2: Pre-Takeoff — Activate DC SFRA Flight Plan

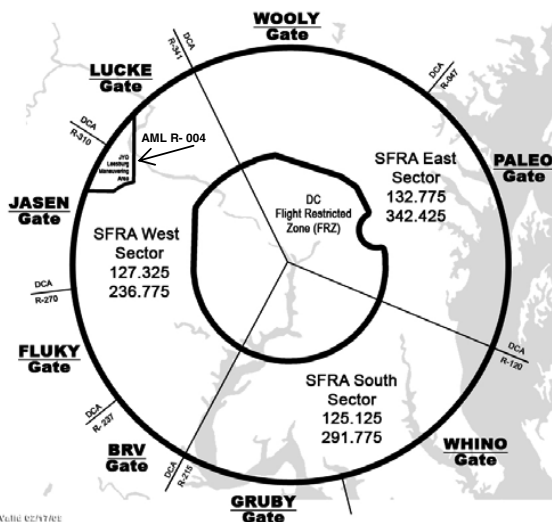
- Call ATC (tower, RCO, phone) for frequency & squawk.
“Potomac Clearance, (call sign) at Tipton, VFR departure.”
- Set assigned frequency & transponder code.
- Verify that Mode C (ALT) is on.

Step 3: After Takeoff—Communicate w/ ATC

- Establish radio contact with Potomac TRACON.
“Potomac Departure, (call sign), off Tipton”
- Monitor assigned frequency
- Remain out of Class B unless explicitly cleared to enter.

Step 4: Exiting—Close DC SFRA Flight Plan

- Remain on frequency/squawk until ATC authorizes change; DC SFRA flight plan closes upon exiting the DC SFRA.



ALWAYS check NOTAMS!

2
rev. 02/06/09

Washington DC SFRA VFR Inbound Procedures*

Step 1: Preflight—File a DC SFRA Flight Plan

- ALWAYS review NOTAMs for current TFR information.
- File DC SFRA flight.
“I would like to file a DC SFRA flight plan for VFR flight from (appropriate entry gate) to (destination airport).”

Step 2: Before Entry - Activate DC SFRA Flight Plan

- Before entry, call Potomac to request transponder code.
“Potomac Approach, (call sign), VFR inbound to Gaithersburg.”
- Set assigned code and verify that Mode C (ALT) is on.
- Continue inbound unless otherwise instructed.
- Remain out of Class B unless explicitly cleared to enter.

Step 3: After Entry—Communicate w/ ATC

- Monitor Potomac TRACON.
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Arriving—Close DC SFRA Flight Plan

- Change to tower / advisory frequency when so instructed .
- Remain on assigned transponder code until you land.
- DC SFRA flight plan closes upon landing.

Entry/Exit Filing Gates for DC SFRA Flight Plans

Gate (Freq)	Defining Radials (DCA)		Visual Checkpoints	
WOOLY (132.775)	R-341	R-044	I-270	I-95
PALEO (132.775)	R-045	R-119	I-95	Abeam Chesapeake Beach
WHINO (125.125)	R-120	R-172	Abeam Chesapeake Beach	Northern boundary Wicomico River
GRUBY (125.125)	R-173	R-214	Northern boundary Wicomico River	Western boundary Potomac River / Widewater Beach
BRV (127.325)	R-215	R-236	Western boundary Potomac River / Widewater Beach	West side of Lunga Reservoir
FLUKY (127.325)	R-237	R-269	West side of Lunga Reservoir	VA Route 29
JASEN (127.325)	R-270	R-309	VA Route 29	VA Route 7
LUCKE (127.325)	R-310	R-339	VA Route 7	I-270

*See page 1 for JYO ingress/egress & fringe airport egress procedures.
For detailed information, see online DC SFRA course at www.faasafety.gov

EASTON, MARYLAND NOISE ABATEMENT PROCEDURE

When Easton Airport Traffic Control Tower is closed:

Departure RWY 22: Right turn and avoid overflight of Town of Easton. Departure RWY 04: Left turn at end of RWY to parallel HWY 50 until past mobile home park.

No intersection take offs. VFR Arrivals: Report the Miles River bridge, 2.7 miles southwest of the airport at 2000' MSL for sequence to all RWYS. Contact 410-770-8055.

WEST ATLANTIC ROUTE SYSTEM (WATRS)

Effective immediately, all operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS Routes L453, L454, L455, L456, L457, L459, L461, and L462, shall file and plan the following routing.

SOUTHBOUND SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM NEW YORK METROPOLITAN AREA

All operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (SOUTHBOUND ONLY)
For L453;	... LINND-AZEZU-L453 ...
For L453 VIA B24;	... B24-AZEZU-L453 ...
For L454;	... LINND-ROLLE-ATUGI-L454 ...
For L454 VIA B24;	... B24-WEBBB-ROLLE-ATUGI-L454 ...
For L455;	... LINND-RESQU-UMEDA-L455 ...
For L455 VIA B24;	... B24-WEBBB-RESQU-UMEDA-L455 ...
For L456;	... LINND-SQUAD-DARUX-L456 ...
For L456 VIA B24;	... B24-WEBBB-RESQU-DARUX-L456 ...
For L457;	... LINND-RESQU-UMEDA-L457 ...
For L457 VIA B24;	... B24-WEBBB-RESQU-UMEDA-L457 ...
For L459;	... LINND-SQUAD-DARUX-L459 ...
For L459 VIA B24;	... B24-WEBBB-RESQU-DARUX-L459 ...
For L461;	... LINND-KINGG-KINER-L461 ...
For L462;	... LINND-KAYYT-L462 ...
For L462 VIA ACK;	... ACK-J97-LACKS-KAYYT-L462 ...

EASTBOUND TRANSITION TO NEW YORK OCEANIC CTA/FIR

VIA: ORF AR9 ZIBUT

All operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic MNPS airspace, are encouraged to flight plan via:

ZIBUT direct **LARGE** direct SLATN or JOBOC or DOVEY

Operators opting to flight plan via any other fix or latitude/longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non-radar traffic.

NOTE-This route may be filed bi-directionally

SPECIAL NOTICES

**NORTHBOUND
NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO
NEW YORK METROPOLITAN AREA**

All northbound operators exiting New York Center's West Atlantic Route System (WATRS) on routes L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following transition routes to join domestic routing:

ATS ROUTE	WATRS EXIT ROUTING (NORTHBOUND ONLY)
From L453;	. . . AZEZU-BERGH . . .
From L454;	. . . OKONU-L454-BERGH . . .
From L454 TO B24;	. . . OKONU-L454-WEBBB-B24 . . .
From L455;	. . . SAVIK-L455-BERGH . . .
From L455 TO B24;	. . . SAVIK-AZEU-B24 . . .
From L456;	. . . MARIG-BERGH . . .
From L457;	. . . OKONU-L457-BERGH . . .
From L457 TO B24;	. . . OKONU-L457-WEBBB-B24 . . .
From L459;	. . . SAVIK-L459-BERGH . . .
From L459 TO B24;	. . . SAVIK-AZEU-B24 . . .
From L461;	. . . MARIG-BERGH . . .
From L462;	. . . KAYYT-BERGH. . . or KAYYT-LACKS-ACK . . .

**WAKE TURBULENCE FOR INTERSECTION DEPARTURES
Teterboro Airport (TEB)
Teterboro, New Jersey**

Teterboro Airport Traffic Control Tower has been granted a waiver to the guidelines that require a 3-minute interval for a small aircraft departing from an intersection behind a preceding departing large aircraft. This waiver authorizes the tower to depart small aircraft from the intersection of RWY 01 and Twy Kilo without requiring a 3-minute interval behind a preceding large aircraft that departs from the end of the runway.

**AEROBATIC PRACTICE AREA
Roxbury, Connecticut**

Aerobatic practice area will be conducted between the altitudes of 2500 ft and 4500 ft MSL and performed within an approximate 2 mile radius of a point defined from the CARMEL VOR (CMK) as the 052 degree radial/21.9 GPS-DME fix. It is 8 NM NW of the Oxford, CT airport (OXC).

**SEARCH LIGHT DEMONSTRATION
Baltimore, Maryland**

Downtown, at the Inner Harbor
Each evening, seven days per week

A vertical search light beam demonstration will be conducted at the Pier V Hotel, at Baltimore Inner Harbor, Baltimore, Maryland, BAL 028/7. Lat N39°17'24", Long W76°36'27". Search light beams are being radiated from the SFC upward. Flashblindness or cockpit illumination may occur at several miles distance. The Leesburg Automated Flight Service Station, 1-703-771-3696 is the FAA coordination facility.

**LASER BASED ATMOSPHERIC RESEARCH
INTERVALE VILLAGE/MOUNT WASHINGTON VALLEY**

Bartlett, New Hampshire

Laser based atmospheric research will be conducted at Intervale Village in the town of Bartlett, New Hampshire. The "Ground Winds" system is a research laser that will be located at Latitude 44°05'56.24" North, Longitude 071°09'31.25" West (NAD83), or BML 195 032. Laser research will be conducted continuously.

The laser light will project at a fixed 45° angle, as measured from the horizon, from the surface to 60,000 feet and beyond. When activated, the light will be at a fixed azimuth. However, the azimuth will periodically change. At 10,000 feet in altitude, the internal cone will only be 10 miles in diameter, but only projecting in one direction (azimuth) at any time. Avoid airborne hazard, this beam may be injurious to Pilots/Aircrews and passengers eyes within 9 nautical miles. The secondary effects of Flash blindness or Cockpit Illumination may occur at great distances. The Bostin Air Route Traffic Control Center, (603) 879-6655, is the FAA coordination facility.

**Laser Light Activity
Canobie Lake Water Park, Salem, New Hampshire**

Laser light shows are being conducted at the Canobie Lake Water Park in Salem, NH. Show orientation and laserbeam projections will be directed in all 360° directions. Laser light beams may be injurious to pilot's/passenger's eyes within 3,000 feet laterally of the light source and surface to 1,650 feet AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The laser will be stationed at N42°47'32"/W071°14'44" (LWM 310/7.4 DME). Manchester ATCT 1-603-666-7591 will be the coordination facility.

**LASER LIGHT DEMONSTRATION
Atlantic City, New Jersey**

Laser light demonstrations are being conducted at the Atlantic Park, downtown Atlantic City, New Jersey, 0001-0700 UTC, ACY VORTAC 145/8.5. Approximately: 39°21'31"N/74°26'15"W. Laser light beam may be injurious to pilots/passengers eyes within 100 feet above ground, 100 feet AMSL, 900 feet laterally of the light source. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The Atlantic City ATCT, 609-641-3940, is the coordination facility.

**LASER LIGHT DEMONSTRATION
Darien Lake Theme Park, Darien Center, New York**

Laser light demonstrations are being conducted at the Darien Lake Theme Park, Darien Center, NY. The show orientation and laser beam projection are directed to the southern half of a circle from this site. Buffalo VOR/DME 100R/12NM. (42°56'04"N/78°23'30"W). Laser light beams may be injurious to pilot's/passenger's eyes within 2,800 feet of the light source, 1,600 feet above ground level. The secondary effect of flash blindness or cockpit illumination may occur beyond these distances. The Buffalo ATCT, 716-633-0664 is the FAA coordination facility.

**LASER LIGHT DEMONSTRATIONS
DORNEY THEME PARK, DORNEYVILLE, PENNSYLVANIA**

Laser light demonstrations are being conducted at the Dorney Theme Park, northwest of Dorneyville, PA. Show orientation and laserbeam projections directed to the southern quadrant from FJC 210D/10DME (N40°34'47"/W75°32'06"). Laser light beams may be injurious to pilot's/passenger's eyes within 2000 ft laterally of the light source, 500 ft AGL, 1100 ft AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. Allentown ATCT, 1-610-264-4539 is the FAA coordination facility.

MODEL AIRCRAFT ACTIVITY, HARFORD COUNTY MARYLAND

Radio controlled model aircraft operating to 800 feet AGL vicinity of N39°37'30" W76°18'35" in Harford County, Maryland.

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
GENERAL EDWARD LAWRENCE LOGAN INTERNATIONAL AIRPORT (BOS)
BOSTON, MASSACHUSETTS**

Boston Logan International Airport Traffic Control Tower has been granted a waiver to the guideline that prohibits the control tower from taxiing an aircraft into "position and hold" at an intersection, between sunset and sunrise.

This waiver will allow the tower to taxi the aircraft into "position and hold" during period of darkness, at the intersections listed below.

Runway 04R at Taxiway Charlie

Runway 22L at Taxiway Charlie

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into "position and hold" prior to takeoff clearance.

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY**

Newark International Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into "position and hold" at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi aircraft into "position and hold" during period of darkness, at the intersections listed below.

**Runway 22R at Taxiway Whiskey
Runway 22L at Taxiway Whiskey**

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into "position and hold" prior to takeoff clearance.

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
JOHN F KENNEDY INTERNATIONAL AIRPORT (JFK)
NEW YORK, NEW YORK**

Kennedy Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into "position and hold" at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi aircraft into "position and hold" during period of darkness, at the intersections listed below.

**Runway 13R at Taxiway Papa Delta
Runway 22R at Taxiway Charlie
Runway 31L at Taxiway Kilo Kilo
Runway 31R at Taxiway Zulu Alpha**

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into "position and hold" prior to takeoff clearance.

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
PITTSBURGH INTERNATIONAL AIRPORT (PIT)
PITTSBURGH, PENNSYLVANIA**

Pittsburgh Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into "position and hold" at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi the aircraft into "position and hold" during periods of darkness, at the intersections listed below.

Runway 28L at Taxiway Papa

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into "position and hold" prior to takeoff clearance.

**INTERSECTING RUNWAY OPERATIONS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY**

Newark Liberty International (EWR) Airport Traffic Control Tower (ATCT) has been authorized to conduct intersecting runway operations to Runway 29 and Runway 04R whereby an aircraft arriving Runway 29 shall be through the intersection of Runway 04R prior to the arriving aircraft on Runway 04R reaching a point no closer than 5,000 feet from the intersection of both runways.

LAND AND HOLD SHORT LIGHTS (for LAHSO) BOSTON-LOGAN AIRPORT, MASSACHUSETTS

Land and Hold Short lights have been installed on four runways at Boston-Logan Airport (BOS). These in-pavement lighting systems will remain on/flashing whenever LAHSO is expected to be conducted to that particular runway. Flight crews should also expect to see these lights on/flashing even when authorized the full length of the runway for landing, or when utilizing that runway for departure.

Land and Hold Short lights have been installed at the following locations:

Runway 22L (Short of Runway 27/09)

Runway 4L (Short of Runway 33R/15L)

Runway 27 (Short of Runway 22L/04R)

Runway 15R (Short of Runway 09/27)

CHARLESTON, WEST VIRGINIA

Mine blasting approximately 25 NM south and southeast of Charleston, West Virginia as follows:

Mine Blasting HVQ VORTAC 110° 25 DME to 400' AGL

Mine Blasting HVQ VORTAC 189° 26 DME to 300' AGL

CAUTION—FISH SPOTTING ACTIVITY—CHESAPEAKE BAY AND COASTAL WATERS

Caution is advised for extensive fish spotter aircraft activity between May 1 and December 1 upwards from 1500 feet above the surface over the Chesapeake Bay and adjacent coastal waters. Pilots should be alert for this activity. For further information contact FAA/Norfolk ATCT on 1-757-460-5142.

BOSTON, MASSACHUSETTS

To avoid the concentration of aircraft arriving and departing Boston, pilots requesting IFR flight at and below altitudes 14,000 feet MSL should file for airways beyond 40 NM from Boston VORTAC between the hours of 0800-2100 local. Traffic to/from Maine and Cape may file V167.

BOURNE, MASSACHUSETTS

Aircraft operation below 2000 ft and within 3 miles of Pave Paws radar site located in Restricted Area 4101 may experience momentary erratic operation of cockpit instruments or navigational equipment. Pilots are encouraged to submit reports of such occurrences to nearest FAA Air Traffic Facility.

SPECIAL NORTH ATLANTIC, CARIBBEAN AND PACIFIC AREA COMMUNICATIONS

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission. Army Installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations, prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

CONTINUOUS POWER FACILITIES

In order to insure that a basic ATC system remains in operation despite an areawide or catastrophic commercial power failure, key equipment and certain airports have been designated to provide a network of facilities whose operational capability can be utilized independent of any commercial power supply.

In addition to those facilities comprising the basic ATC system, the following approach and lighting aids have been included in this program for a selected runway.

1. ILS (Localizer, Glide Slope, COMLO, Inner, Middle and Outer Markers)
2. Wind Measuring Capability
3. Approach Light System (ALS) or Short ALS (SALS)
4. Ceiling Measuring Capability
5. Touchdown Zone Lighting (TDZL)
6. Centerline Lighting (CL)
7. Runway Visual Range (RVR)
8. High Intensity Runway Lighting (HIRL)
9. Taxiway Lighting
10. Apron Light (Perimeter Only)

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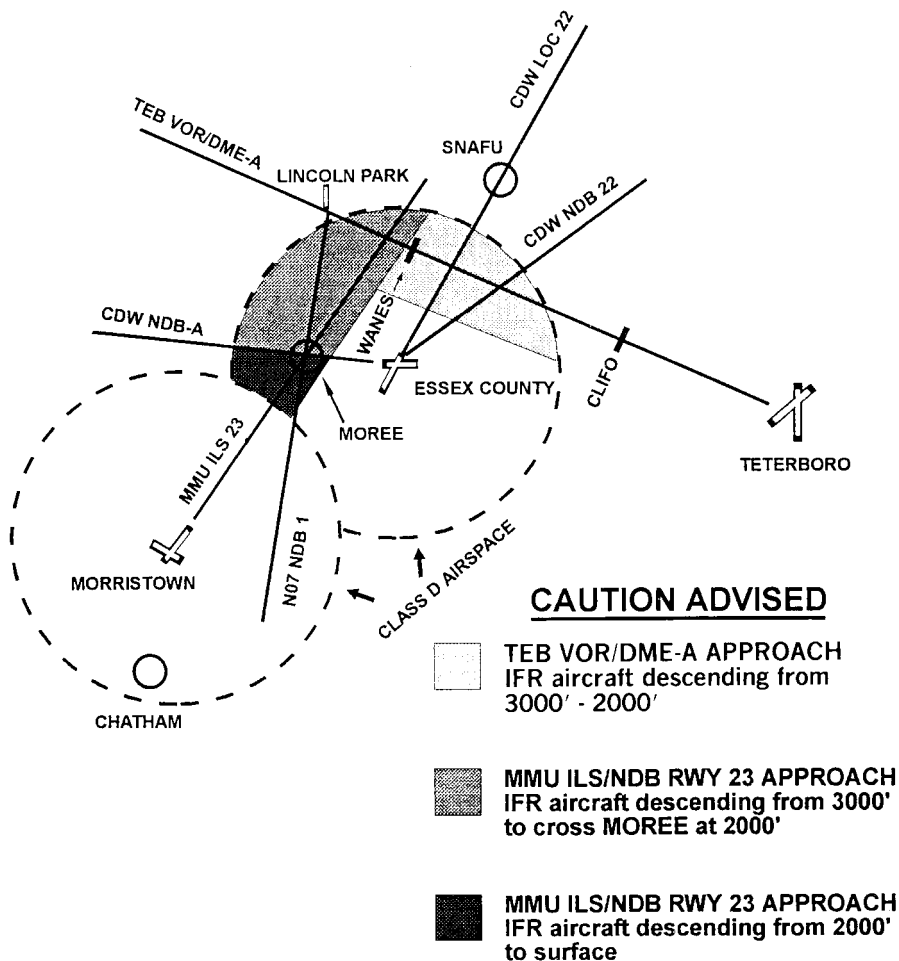
The following have been designated "Continuous Power Airports," and have independent back up capability for the equipment installed.

Airport/Ident	Runway No.	Airport/Ident	Runway No.
Albuquerque, NM (ABQ)	08	Milwaukee, WI (MKE)	01L
Anchorage, AK (ANC)	07R	Minneapolis, MN (MSP)	30L
Andrews AFB, MD (ADW)	01L	Nashville, TN (BNA)	02L
Atlanta, GA (ATL)	09R	New Orleans, LA (MSY)	10
Baltimore, MD (BWI)	10	New York, NY (JFK)	04R
Bismarck, ND (BIS)	31	New York, NY (LGA)	22
Boise, ID (BOI)	10R	Newark, NJ (EWR)	04R
Boston, MA (BOS)	04R	Oklahoma City, OK (OKC)	35R
Charlotte, NC (CLT)	36L	Omaha, NE (OMA)	14R
Chicago, IL (ORD)	14R	Ontario, CA (ONT)	26L
Cincinnati, OH (CVG)	36C	Philadelphia, PA (PHL)	09R
Cleveland, OH (CLE)	06R	Phoenix, AZ (PHX)	08
Dallas/Fort Worth, TX (DFW)	17C	Pittsburgh, PA (PIT)	10L
Denver, CO (DEN)	35R	Reno, NV (RNO)	16R
Des Moines, IA (DSM)	31	Salt Lake City, UT (SLC)	34L
Detroit, MI (DTW)	03R	San Antonio, TX (SAT)	12R
El Paso, TX (ELP)	22	San Diego, CA (SAN)	09
Fairbanks, AK (FAI)	01L	San Francisco, CA (SFO)	28R
Great Falls, MT (GTF)	03	San Juan, PR (SJU)	08
Honolulu, HI (HNL)	08L	Seattle, WA (SEA)	16C
Houston, TX (IAH)	26L	St. Louis, MO (STL)	30R
Indianapolis, IN (IND)	05L	Tampa, FL (TPA)	36L
Jacksonville, FL (JAX)	07	Tulsa, OK (TUL)	36R
Kansas City, MO (MCI)	19R	Washington, DC (DCA)	01
Los Angeles, CA (LAX)	24R	Washington, DC (IAD)	01R
Memphis, TN (MEM)	36L	Wichita, KS (ICT)	01L
Miami, FL (MIA)	08R		

NOTE—The existing CPA runway is listed. Pending and future changes at some locations will require a revised runway designation.

CALDWELL - TETERBORO - MORRISTOWN

INSTRUMENT APPROACH - AIRSPACE INTERACTION CHART



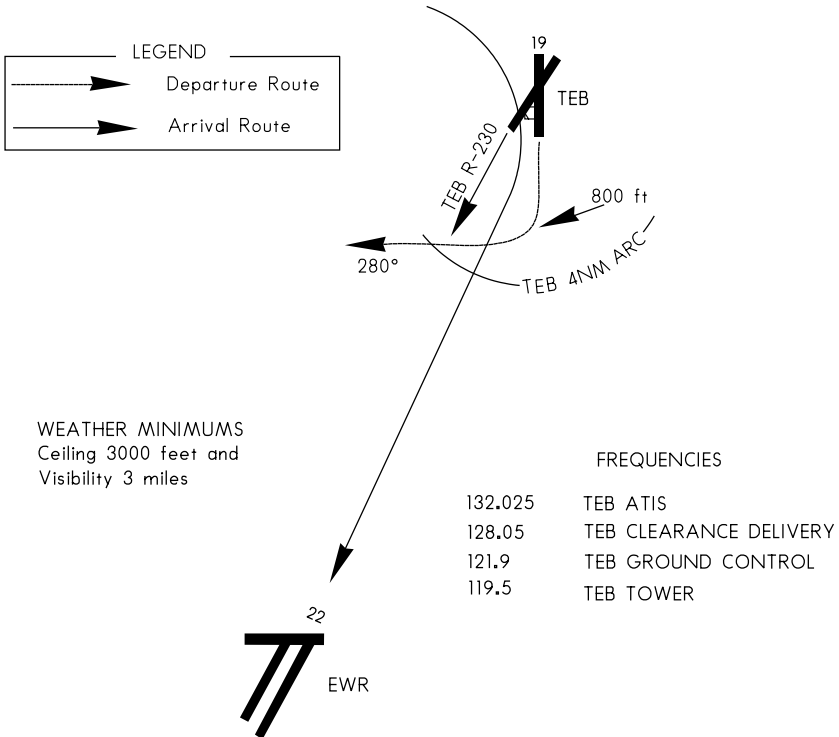
TERMINAL AREA GRAPHIC NOTICE

(Not to be used for Navigation)

Teterboro (TEB) Airport Runway 19 VFR Departure Procedure with Transition to an IFR Clearance when Newark is landing Runway 22 and Teterboro is departing Rwy 19.

"DALTON DEPARTURE PROCEDURE"

PILOTS SHOULD SPECIFICALLY REQUEST THIS PROCEDURE USING THE ABOVE NAME.

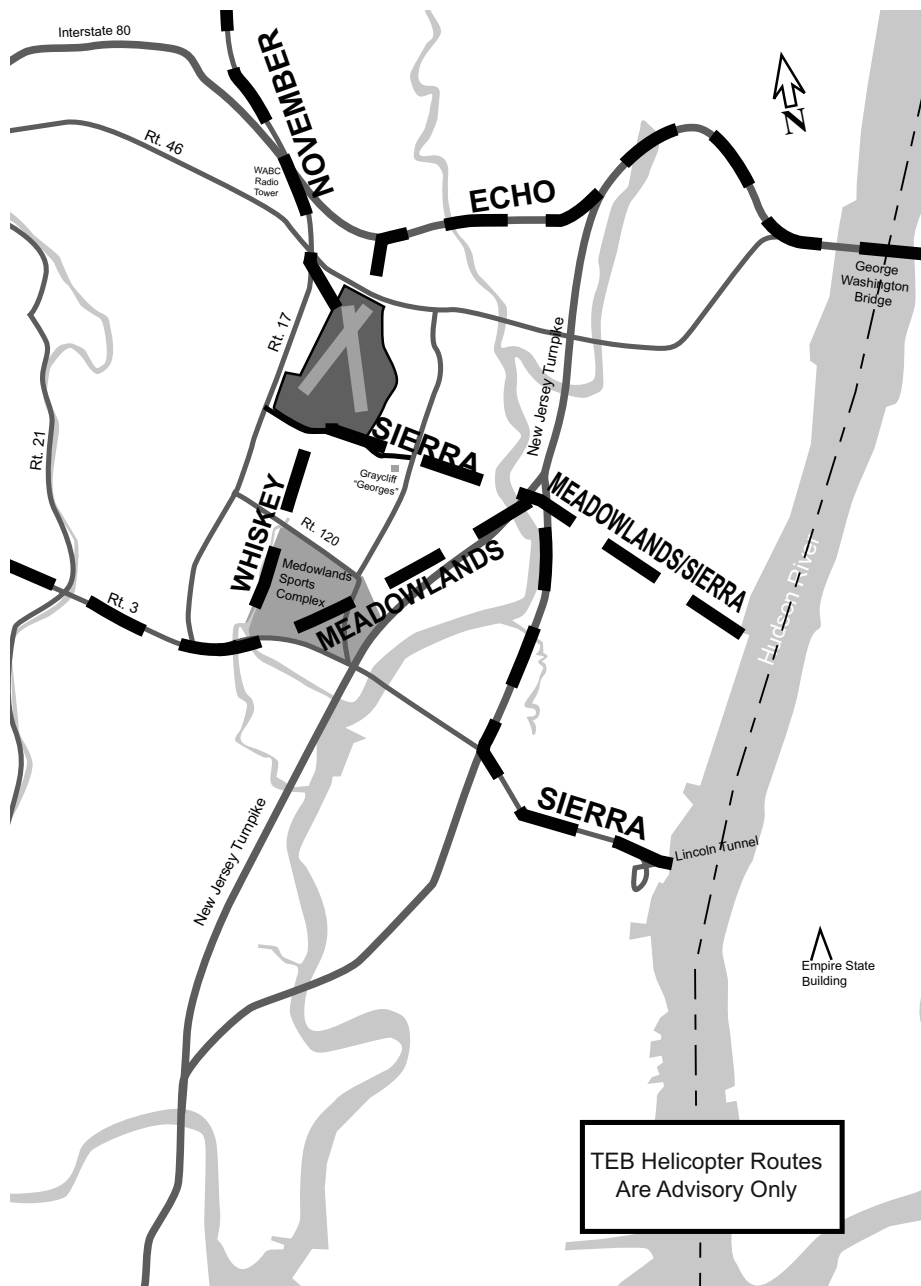


FLY RUNWAY HEADING UNTIL 800 FEET, THEN TURN RIGHT HEADING 280. COMPLETE THE TURN RIGHT WITHIN 4 DME FROM TEB. MAINTAIN VFR AT OR BELOW 1,300 FEET; DO NOT EXCEED 190 KNOTS. IF UNABLE, ADVISE.

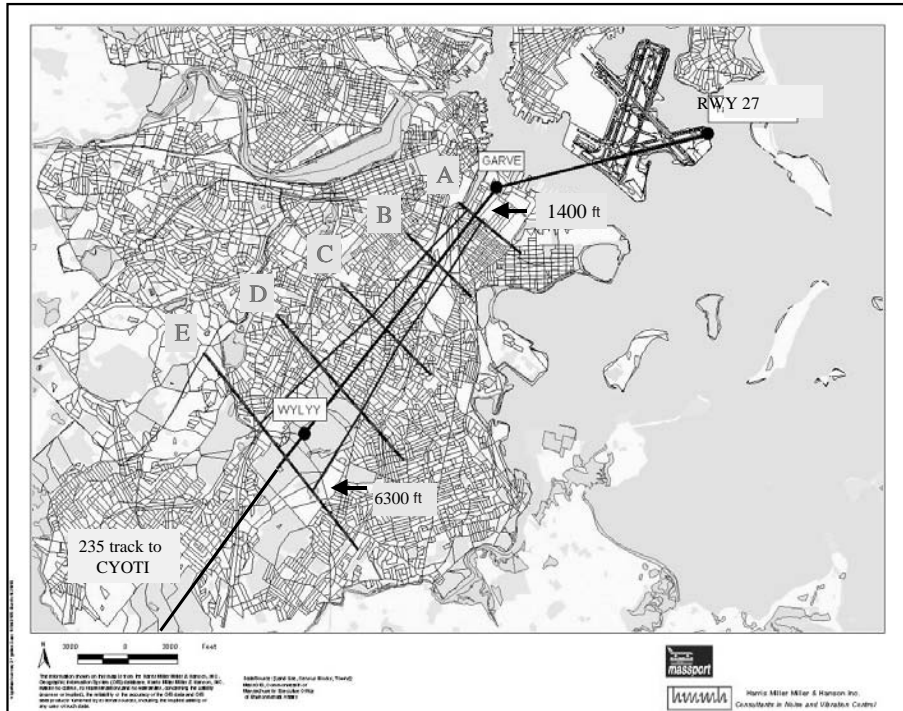
EXPECT A CLIMB CLEARANCE AFTER CROSSING THE TEB R-230. THE CLIMB CLEARANCE CONSTITUTES IFR ACTIVATION AND PILOTS ARE EXPECTED TO RESUME NORMAL AIRSPEED. EXPECT CONTROL INSTRUCTION TO A DEPARTURE FIX AS DESCRIBED IN THE PUBLISHED TEB STANDARD INSTRUMENT DEPARTURE.

NOTE: CAUTION WAKE TURBULENCE. NEWARK ARRIVALS DESCENDING OVERHEAD FROM 3000' TO 1800'.

SPECIAL NOTICES
TETERBORO HELICOPTER ROUTES



Boston Runway 27 Noise Abatement Departure Procedures

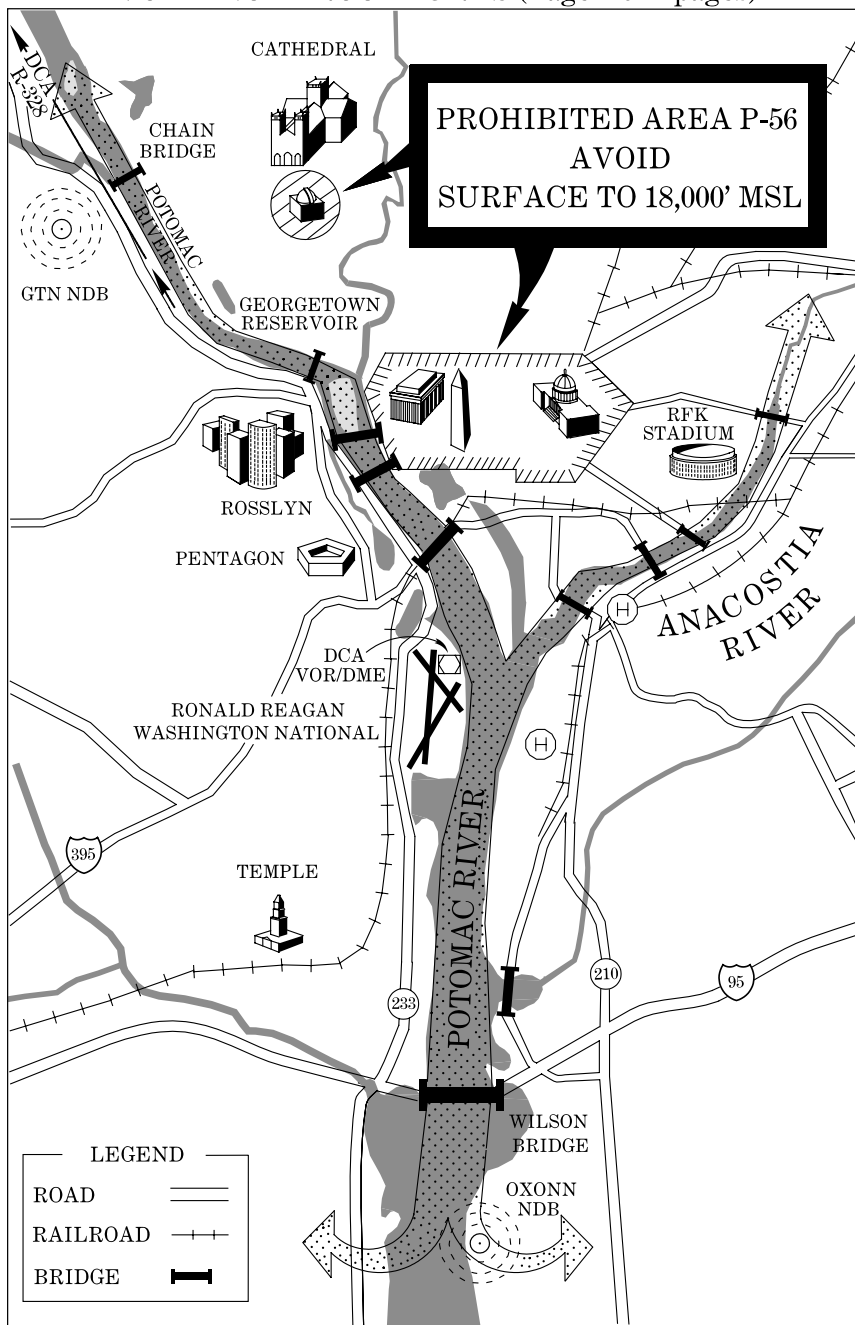


Boston RWY 27, turbojet departure procedures are predicated on avoiding noise sensitive areas. An Environmental Record of Decision mandates a very narrow departure corridor design to minimize noise impacts to local communities. The funnel like corridor begins at GARVE waypoint (WP) and ends at the WYLYY WP as depicted above. Along this corridor Gates are alphabetically identified to monitor and measure conformance. Gate A begins just southwest of GARVE WP on the 235° track through Gate E ending at WYLYY WP. Notice that GATE A is only 1400' wide and gate E is 6300' wide; therefore, whether flying the RWY 27 LOGAN DEPARTURE or the WYLYY DEPARTURE (RNAV), the exact 235° ground track must be flown to comply with the desired noise track. The following information includes *recommended techniques* that may assist pilots in maintaining the 235° track corridor:

The WYLYY DEPARTURE (RNAV)

Fly the 273° course to the GARVE fly by WP. The flight director should command a left turn approaching GARVE WP to intercept the 235° track to the WYLYY fly over WP. The location of the GARVE WP was computer modeled to capture most aircraft at GATE A. Pilot technique or FMS equipment inaccuracy may cause an overshoot at Gate A. Pilots must insure that applicable navigation equipment alignment procedures, to include a manual runway position update if required, are completed.

RONALD REAGAN WASHINGTON NATIONAL AIRPORT
NOISE ABATEMENT & PROHIBITED AREA (P-56)
AVOIDANCE PROCEDURES (Page 1 of 2 pages)



**RONALD REAGAN WASHINGTON NATIONAL AIRPORT
NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES
(Page 2 of 2 pages)**

**P-56 BEGINS APPROXIMATELY 1.5 NM NORTH OF THE DEPARTURE END OF RUNWAY
01-SURFACE TO 18,000' MSL
REMAIN CLEAR OF P-56 AT ALL TIMES**

**EXPECT THE PUBLISHED RNAV DEPARTURE PROCEDURE OR ATC INSTRUCTIONS FOR
THE FOLLOWING NON-RNAV PROCEDURES**

NORTHWEST: Follow the Potomac River until abeam the Georgetown reservoir or the DCA 4 DME, then join the DCA 328 radial, expect radar vectors at 10 DME. A left turn as soon as practicable, especially with a west wind, is required to maintain a ground track over the Potomac River and **remain clear of P-56**. If unable to maintain visual reference to the Potomac River, join the DCA 328 radial.

NORTHEAST: Follow the Anacostia River to 5 DME. A right turn as soon as practicable, especially with a east wind, is required to maintain a ground track over the Anacostia River and **remain clear of P-56**. Expect Radar Vectors at 5 DME. If unable to maintain visual reference to the Anacostia River, then join the DCA 070 radial.

SOUTH: Follow the Potomac River to 5 DME, then expect radar vectors. If unable to maintain visual reference to the Potomac river, then join the DCA 185 radial.

ARRIVAL PROCEDURES

LANDING NORTH: Weather conditions 3000/4 or better, expect the Mount Vernon visual approach. Lower weather conditions, expect the advertised instrument approach.

LANDING SOUTH: Weather conditions 3500/3 or better, expect the River Visual Approach. Lower weather conditions, expect the advertised instrument approach.

NIGHTTIME NOISE LEVELS

From 2200 to 0700 local time, operation of aircraft type and model which exceed the following noise levels violate Metropolitan Washington Airport Authority Regulation (MWAR) 3.11:

DEPARTURES – 72 dBA as generated on takeoff.

ARRIVALS – 85 dBA as generated on approach, except that aircraft scheduled to arrive before 2200 will be permitted to land if they have received an approach clearance before 2230. Ref. MWAR 3.11 and Advisory Circular 36-3.

SPECIAL NOTICES
NIAGARA FALLS FLIGHT RESTRICTION AREA

**Part 93—Special Air Traffic Rules; Subpart E—Flight Restrictions in the
Vicinity of Niagara Falls, New York**

§ 93.71 General operating procedures

(a) Flight restrictions are in effect below 3,500 feet MSL in the airspace above Niagara Falls, New York, west of a line from latitude 43°06'33"N., longitude 78°03'30"W. (the Whirlpool Rapids Bridge) to latitude 43°04'47"N., longitude 79°02'44"W. (the Niagara River Inlet) to latitude 43°04'29"N., longitude 79°03'30"W. (the International Control Dam) to the United States/Canadian Border and thence along the border to the point of origin.

(b) No flight is authorized below 3,500 feet MSL in the area described in paragraph (a) of this section, except for aircraft operations conducted directly to or from an airport/heliport within the area, aircraft operating on an ATC-approved IFR flight plan, aircraft operating the Scenic Falls Route pursuant to approval of Transport Canada, aircraft carrying law enforcement officials, or aircraft carrying properly accredited news representatives for which a flight plan has been filed with Buffalo NY (BUF) Automated Flight Service Station (AFSS).

(c) Check with Transport Canada for flight restrictions in Canadian airspace. Commercial air tour operations approved by Transport Canada will be conducting a north/south orbit of the Niagara Falls area below 3,500 feet MSL over the Niagara River.

(d) The minimum altitude for VFR flight over the Scenic Falls area is 3,500 feet MSL.

(e) Comply with the following procedures when conducting flight over the area described in paragraph (a) of this section:

(1) Fly a clockwise pattern;

(2) Do not proceed north of the Rainbow Bridge;

(3) Prior to joining the pattern, broadcast flight intentions on frequency 122.05 Mhz, giving altitude and position, and monitor the frequency while in the pattern;

(4) Use the Niagara Falls airport altimeter setting. Contact Niagara Falls Airport Traffic Control Tower to obtain the current altimeter setting, to facilitate the exchange of traffic advisories/restrictions, and to reduce the risk of midair collisions between aircraft operating in the vicinity of the Falls. If the Control Tower is closed, use the appropriate Automatic Terminal Information Service (ATIS) Frequency;

(5) Do not exceed 130 knots;

(6) Anticipate heavy congestion of VFR traffic at or above 3,500 feet MSL; and

(7) Use caution to avoid high-speed civil and military aircraft transiting the area to or from Niagara Falls Airport.

(f) These procedures do not relieve pilots from the requirements of Sec. 91.113 of this chapter to see and avoid other aircraft.

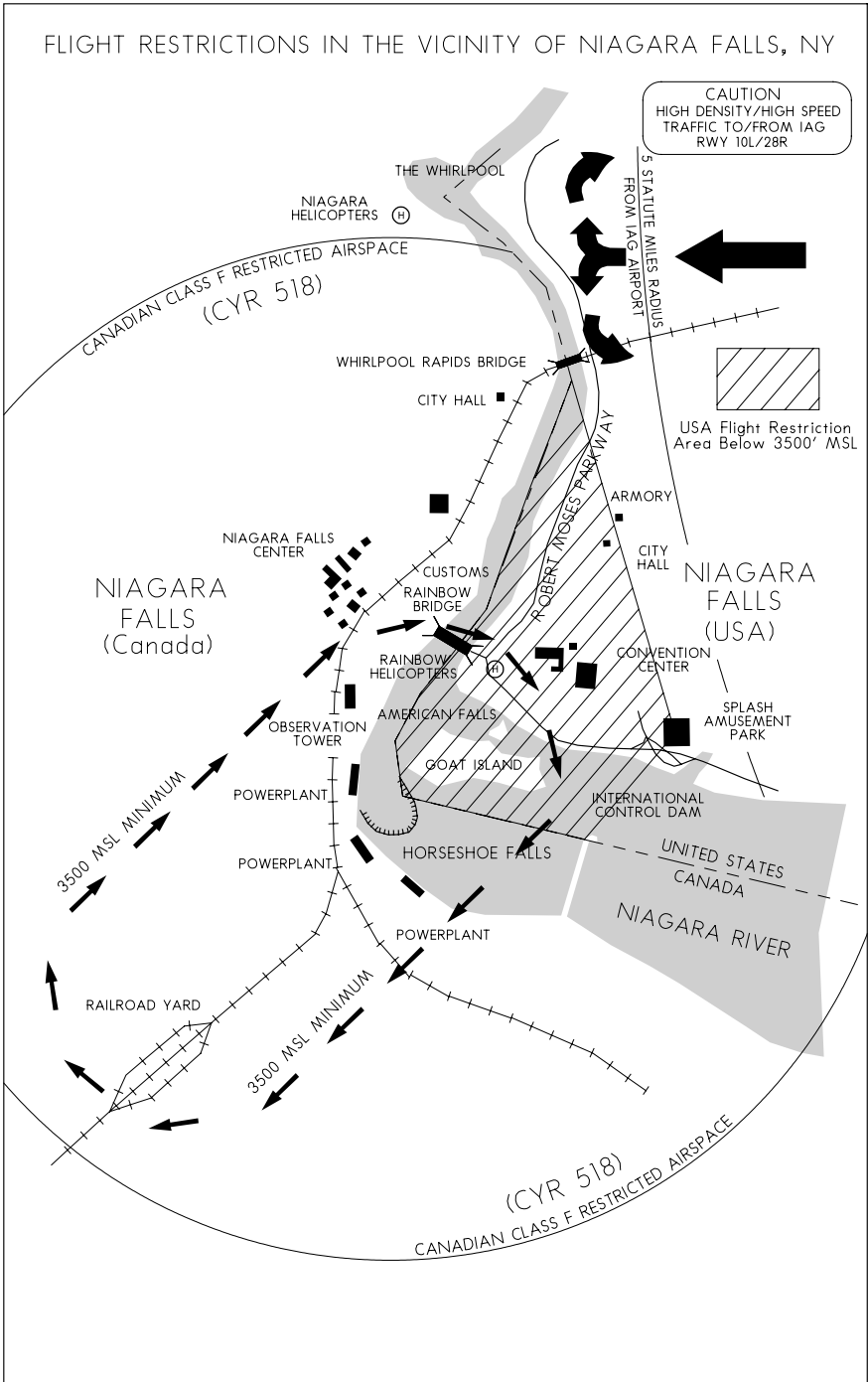
(g) Flight following, to and from the area, is available through Buffalo Approach.

ADVISORY: AMUSEMENT ATTRACTION—NIAGARA FALLS, NY

An amusement attraction similar to a moored balloon will be conducted daily, 0700–2400 LCL, April 1 through October 31, 5 miles SW of the Niagara Falls Intl Airport (IAG), approx. BUF305/021, on the American side of Rainbow Bridge, Niagara Falls, NY, at altitudes up to 1050'MSL/500'AGL. For further information contact Buffalo AFSS on 1–716–631–3756.

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TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

White Plains, New York
WESTCHESTER COUNTY AIRPORT NOISE ABATEMENT PROCEDURES

Noise abatement procedures in effect at all times, contact 914-995-4861.

Airport located in noise sensitive area. Noise monitoring and positive aircraft and helicopter event identification in effect at all times.

High Range Noise Event program: Operators that cause noise levels at or above 93 dBA will be contacted.

Voluntary restraint from flying time period is from midnight to 6:30 am local time. Limit use of reverse thrust.

Run-ups: Must receive prior approval from airport operations. No aircraft with certificated maximum gross weight in excess of 120,000 lbs shall land or take off at the airport without prior permission of the Airport Manager.

For all aircraft above 12,500 lbs: Use SIDs and STARs for noise abatement, conditions permitting; utilize Sound Visual Approach to Runway 34; turn final for Runway 16 outside outer marker.

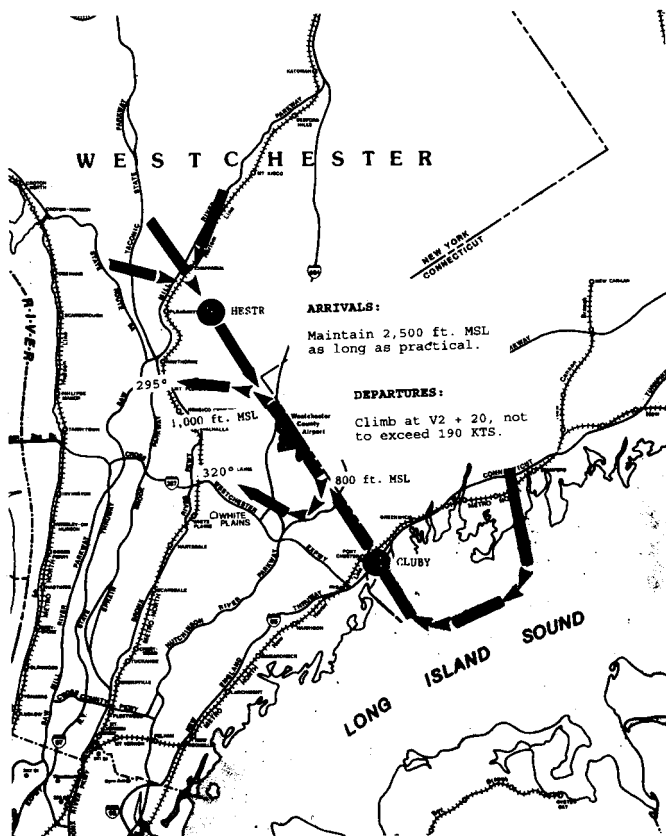
All runways: Utilize NBAA "standard" departure procedures, or AC91-53A "distant" noise abatement departure procedure.

Light aircraft: Runway 34 departures north and eastbound, fly over interstate until reaching 1,500 feet MSL, then on course.

Touch-and-go's: Runway 29 recommended traffic pattern in effect.

Helicopters: Use New York Helicopter Route Chart for noise abatement, fly routes at or above 2,000 ft MSL.

Copies of noise abatement procedures are available.



TERMINAL AREA GRAPHIC NOTICE (NOT TO BE USED FOR NAVIGATION)

Nantucket, Massachusetts Nantucket Memorial Airport VFR Noise Abatement Procedures

Noise abatement procedures in effect at all times, contact (508) 325-7531. Additional detailed noise abatement procedures via internet at www.NantucketAirport.com/noise.htm.

ARRIVALS

CONTACT NANTUCKET TOWER (118.3) **15 MILES OUT** FOR LANDING INSTRUCTIONS

SINGLE ENGINES - (Pattern speed 130 knots or less) Plan to overfly island high (2000'+ AGL). Expect L/R base landing Runway 30 or Runway 33 when x-winds are under 12 knots. Descend offshore for landing whenever possible.

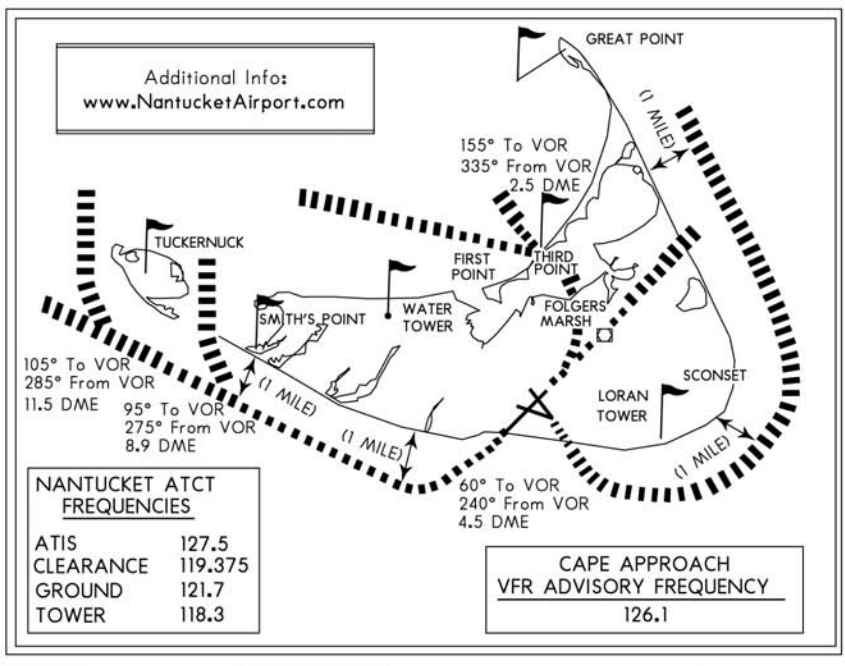
TWINS - Remain over water and expect to land on Runway 24 (wind permitting). Contact Tower for landing sequence abeam Great Point. Cross Third Point at 1000' AGL. Follow Folgers Marsh (right base) for landing on Runway 24.

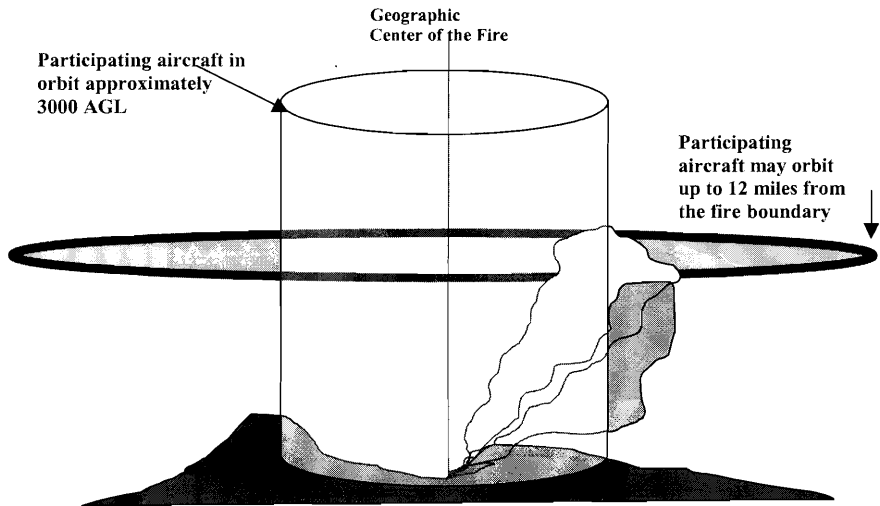
TURBOPROPS/JETS - Remain over water and expect straight in approach to Runway 24 (wind permitting). Enter final approach offshore outside Outer Marker.

DEPARTURES

Make maximum use of over water departure routes, maintaining 1 mile offshore and avoid island crossings whenever possible.

GENERAL AVIATION/AIRLINE CORRIDORS



FIREFIGHTING TRAFFIC AREAS

Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, World Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93-1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at <http://www.faa.gov>. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e-CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll-free telephone number for accessing e-CVRS is 1-800-875-9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll-free areas may access e-CVRS by calling the toll number of 703-707-0568. The Internet web address for accessing the e-CVRS is <http://www.fly.faa.gov/ecvrs>. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904-4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high-density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904-4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e-CVRS.

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FSS TELEPHONE NUMBERS

Flight Service Station (FSS) facilities provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a network of large hub facilities and smaller remote facilities which are interconnected with the hubs.

Selected remote FSS facilities across the contiguous United States have variable part-time operating hours. Because of the interconnectivity between remote and hub facilities, all FSS services, are available continuously using published telephone numbers and radio frequencies.

Telephone Information Briefing Service (TIBS) is the FSS service that provides continuous recordings of meteorological and/or aeronautical information including area and/or route briefings, airspace procedures and special announcements. A touch-tone telephone is required to fully utilize this service.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings 1-800-WX-BRIEF (1-800-992-7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

TIBS (see description above) 1-800-4TIBS-WX (1-877-484-2799)

Clearance Delivery Only 1-888-766-8267

Lifeguard Flights Only 1-877-LIF-GRD3 (1-877-543-4733)

Flights within DC SFRA & FRZ * 1-866-225-7410

* District of Columbia Special Flight Rules Area & Flight Restricted Zone

DISTRICT OF COLUMBIA, MARYLAND, AND VIRGINIA

Potomac TRACON Clearane Delivery Only:

Chesapeake Area (1-866-429-5882) 540-349-8478

James River Area (1-866-640-4121) 540-349-9696

Mount Vernon Area (1-866-599-3874) 504-349-0493

Shenandoah Area (1-866-709-4993) 540-349-4097

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

TAF KPIT 091730Z 091818 15005KT 5SM HZ.FEW020 WS010/31022KT
FM1930 30015G25KT 3SM SHRA OVC015 TEMPO 2022 1/2SM +TSRA
OVC008CB
FM0100 27008KT 5SM SHRA BKN020 OVC040 PROB40 0407 1SM -RA BR
FM1015 18005KT 6SM -SHRA OVC020 BECMG 1315 P6SM NSW SKC

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB
18/16 A2992 RMK SLP045 T01820159

Forecast	Explanation	Report
TAF	Message type: <u>TAF</u> -routine or <u>TAF AMD</u> -amended forecast, <u>METAR</u> -hourly, <u>SPECI</u> -special or <u>TESTM</u> -non-commissioned ASOS report	METAR
KPIT	ICAO location indicator	KPIT
091730Z	Issuance time: ALL times in UTC " <u>Z</u> ", 2-digit date, 4-digit time	091955Z
091818	Valid period: 2-digit date, 2-digit beginning, 2-digit ending times In U.S. METAR : <u>COR</u> rected ob; or <u>AUTO</u> mated ob for automated report with no human intervention; omitted when observer logs on	COR
15005KT	Wind: 3 digit true-north direction, nearest 10 degrees (or <u>VaRiaBle</u>); next 2-3 digits for speed and unit, <u>KT</u> (KMH or MPS); as needed, <u>Gust</u> and maximum speed; 00000KT for calm; for METAR , if direction varies 60 degrees or more, <u>Variability</u> appended, e.g. 180 <u>V</u> 260	22015G25KT
5SM	Prevailing visibility: in U.S., <u>Statute Miles</u> & fractions; above 6 miles in TAF <u>Plus</u> 6SM. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction)	3/4SM
HZ	Runway Visual Range: <u>R</u> ; 2-digit runway designator <u>Left</u> , <u>Center</u> , or <u>Right</u> as needed; <u>"I"</u> ; <u>Minus</u> or <u>Plus</u> in U.S., 4-digit value, <u>Feet</u> in U.S., (usually meters elsewhere); 4-digit value <u>Variability</u> 4-digit value (and tendency <u>Down</u> , <u>Up</u> or <u>No change</u>)	R28L/2600FT
FEW020	Significant present, forecast and recent weather: see table (on back) Cloud amount, height and type: <u>SKY</u> <u>Clear</u> 0/8, <u>FEW</u> >0/8-2/8, <u>SCaTtered</u> 3/8-4/8, <u>BroKeN</u> 5/8-7/8, <u>OVerCast</u> 8/8; 3-digit height in hundreds of ft; <u>Towering CU</u> mulus or <u>CumulonimBus</u> in METAR ; in TAF , only <u>CB</u> . <u>Vertical Visibility</u> for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated METAR reports only, <u>CLeaR</u> for "clear below 12,000 feet" <u>Temperature</u> : degrees Celsius; first 2 digits, temperature <u>"I"</u> last 2 digits, dew-point temperature; <u>Minus</u> for below zero, e.g., M06 <u>Altimeter setting</u> : indicator and 4 digits; in U.S., <u>A</u> -inches and hundredths; (<u>Q</u> -hectoPascals, e.g., Q1013)	TSRA OVC010CB 18/16 A2992

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

Forecast	Explanation	Report
WS010/31022KT	In U.S. TAF , non-convective low-level ($\leq 2,000$ ft) <u>Wind Shear</u> ; 3-digit height (hundreds of ft); "°"; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, <u>KT</u>	RMK SLP045 T01820159
FM1930	In METAR , <u>ReMark</u> indicator & remarks. For example: <u>Sea-Level Pressure</u> in hectoPascals & tenths, as shown: 1004.5 hPa; <u>Temp/dew-point</u> in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C	
TEMPO 2022	<u>FroM</u> and 2-digit hour and 2-digit minute beginning time: indicates significant change. Each FM starts on new line, indented 5 spaces.	
PROB40 0407	TEMPO rary: changes expected for < 1 hour and in total, < half of 2-digit hour beginning and 2-digit hour ending time period	
BECMG 1315	PROB ability and 2-digit percent (30 or 40): probable condition during 2-digit hour beginning and 2-digit hour ending time period	
	BEC oMing: change expected during 2-digit hour beginning and 2-digit hour ending time period	

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, No Significant Weather.

QUALIFIER

Intensity or Proximity

- Light "no sign" Moderate + Heavy

VC Vicinity: but not at aerodrome; in U.S. **METAR**, between 5 and 10SM of the point(s) of observation; in U.S. **TAF**, 5 to 10SM from center of runway complex (elsewhere within 8000m)

Descriptor

MI Shallow	BC Patches	PR Partial	TS Thunderstorm
BL Blowing	SH Showers	DR Drifting	FZ Freezing

WEATHER PHENOMENA

Precipitation

DZ Drizzle	RA Rain	SN Snow	SG Snow grains
IC Ice crystals	PL Ice pellets	GR Hail	GS Small hail/snow pellets

UP Unknown precipitation in automated observations

Obscuration

BR Mist ($\geq 5/8$ SM)	FG Fog ($< 5/8$ SM)	FU Smoke	VA Volcanic ash
SA Sand	HZ Haze	PY Spray	DU Widespread dust

Other

SQ Squall	SS Sandstorm	DS Duststorm	PO Well developed dust/sand whirls
FC Funnel cloud	+FC tornado/waterspout		

- Explanations in parentheses "()" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- NWS **TAFs** exclude turbulence, icing & temperature forecasts; NWS **METARs** exclude trend fcsts
- Although not used in US, Ceiling And Visibility OK replaces visibility, weather and clouds if: visibility ≥ 10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

UNITED STATES DEPARTMENT OF COMMERCE

NOAA/PA 96052

National Oceanic and Atmospheric Administration—National Weather Service

FAA AND NWS

KEY AIR TRAFFIC FACILITIES

Air Traffic Control System Command Center

Main Number.....703-904-4400

RGNL AIR TRAFFIC DIVISIONS

REGION	TELEPHONE
Alaskan	907-271-5464
Central	816-329-2500
Eastern	718-553-4502
Great Lakes	847-294-7202
New England	781-238-7500
Northwest Mountain	425-227-2500
Southern	404-305-5500
Southwest	817-222-5500
Western Pacific	310-725-6500

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque	817-222-5006	7:30 a.m.-4:00 p.m.	505-856-4300
Anchorage	907-271-5936	7:30 a.m.-4:00 p.m.	907-269-1137
Atlanta	404-305-5180	7:30 a.m.-5:00 p.m.	770-210-7601
Boston	617-238-7001	7:30 a.m.-4:00 p.m.	603-879-6633
Chicago	847-294-8400	8:00 a.m.-4:00 p.m.	630-906-8221
Cleveland	847-294-8400	8:00 a.m.-4:00 p.m.	440-774-0310
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-651-4100
Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	817-858-7300
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-5300
Indianapolis	847-294-8400	8:00 a.m.-4:00 p.m.	317-247-2231
Jacksonville	404-305-5180	8:00 a.m.-4:30 p.m.	904-549-1501
Kansas City	816-329-3000	7:30 a.m.-4:00 p.m.	913-254-8500
Los Angeles	661-265-8200	7:30 a.m.-4:00 p.m.	661-265-8200
Memphis	404-305-5180	7:30 a.m.-4:00 p.m.	901-368-8103
Miami	404-305-5180	7:00 a.m.-3:30 p.m.	305-716-1500
Minneapolis	847-294-8400	8:00 a.m.-4:00 p.m.	651-463-5580
New York	718-995-5426	8:00 a.m.-4:40 p.m.	516-468-1001
Oakland	310-725-3300	6:30 a.m.-3:00 p.m.	510-745-3331
Salt Lake City	425-227-1389	7:30 a.m.-4:00 p.m.	801-320-2500
Seattle	425-227-1389	7:30 a.m.-4:00 p.m.	253-351-3500
Washington	718-995-5426	8:00 a.m.-4:30 p.m.	703-771-3401

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONS)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	404-305-5180	7:00 a.m.-3:30 p.m.	404-669-1200
Chicago	847-294-8400	8:00 a.m.-4:00 p.m.	847-608-5509
Dallas/Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	972-615-2500
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1500
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-8400
New York	718-995-5426	8:00 a.m.-4:30 p.m.	516-683-2901
Northern CA	310-725-3300	7:00 a.m.-3:30 p.m.	916-366-4001
Potomac	718-995-5426	8:00 a.m.-4:30 a.m.	540-349-7500
Southern CA	310-725-3300	7:30 a.m.-4:00 p.m.	858-537-5800

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

KEY AIR TRAFFIC FACILITIES

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817-222-5006	8:00 a.m.-5:00 p.m.	505-842-4366
Andrews AFB, MD	718-995-5426	8:00 a.m.-4:30 p.m.	301-735-2380
Baltimore/Washington Intl Thurgood Marshall, MD	718-995-5426	8:00 a.m.-4:30 p.m.	410-962-3555
Boston Logan Intl, MA	781-238-7001	7:30 a.m.-4:00 p.m.	617-455-3100
Bradley Intl, CT	617-238-7001	7:30 a.m.-4:00 p.m.	203-627-3428
Burbank/Bob Hope, CA	310-725-3300	7:00 a.m.-5:30 p.m.	818-567-4806
Charlotte Douglas Intl, NC	404-305-5180	8:00 a.m.-4:30 p.m.	704-344-6487
Chicago Midway, IL	847-294-8400	8:00 a.m.-4:00 p.m.	773-884-3670
Chicago O'Hare Intl, IL	847-294-8400	8:00 a.m.-4:00 p.m.	773-601-7600
Cleveland Hopkins Intl, OH	847-294-8400	8:00 a.m.-4:00 p.m.	216-898-2020
Covington/Cincinnati, OH	708-294-7401	8:00 a.m.-4:30 p.m.	606-767-1006
Dallas/Ft. Worth Intl, TX	817-222-5006	8:30 a.m.-5:00 p.m.	972-615-2531
Dayton Cox Intl, OH	847-294-8400	7:30 a.m.-4:00 p.m.	937-454-7300
Denver Intl, CO	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1600
Detroit Metro, MI	847-294-8400	8:00 a.m.-4:00 p.m.	734-955-5000
Fairbanks Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-474-0050
Fort Lauderdale Intl, FL	404-305-5180	7:00 a.m.-3:30 p.m.	305-356-7932
George Bush Intercontinental/Houston, TX	817-222-5006	7:30 a.m.-4:00 p.m.	713-230-8400
Hartsfield-Jackson Atlanta Intl, GA	404-305-5180	7:00 a.m.-3:30 p.m.	404-669-1200
Honolulu Intl, HI	310-643-3200	7:30 a.m.-4:00 p.m.	808-840-6100
Houston Hobby, TX	817-222-5006	8:00 a.m.-5:00 p.m.	713-847-1400
Indianapolis Intl, IN	847-294-8400	8:00 a.m.-4:00 p.m.	317-484-6600
Kahului/Maui, HI	310-643-3200	7:30 a.m.-4:00 p.m.	808-877-0725
Kansas City Intl, MO	816-329-3000	7:30 a.m.-4:00 p.m.	816-329-2700
Las Vegas McCarran, NV	310-725-3300	7:30 a.m.-4:00 p.m.	702-262-5978
Los Angeles Intl, CA	310-725-3300	7:00 a.m.-3:30 p.m.	310-342-4900
Louis Armstrong New Orleans Intl, LA	817-222-5006	7:00 a.m.-4:30 p.m.	504-471-4300
Memphis Intl, TN	404-305-5180	7:30 a.m.-4:00 p.m.	901-322-3350
Miami Intl, FL	404-305-5180	7:00 a.m.-4:00 p.m.	305-869-5400
Minneapolis/St. Paul, MN	847-294-8400	8:00 a.m.-4:00 p.m.	612-713-4000
Nashville Intl, TN	404-305-5180	7:00 a.m.-3:30 p.m.	615-781-5460
New York Kennedy Intl, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-656-0335
New York La Guardia, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-335-5461
Newark Liberty Intl, NJ	718-995-5426	8:00 a.m.-4:30 p.m.	973-645-3103
Norman Y. Mineta San Jose Intl, CA	310-643-3200	7:30 a.m.-4:00 p.m.	408-982-0750
Ontario Intl, CA	310-643-3200	7:30 a.m.-4:00 p.m.	909-983-7518
Orlando Intl, FL	404-305-5180	7:30 a.m.-5:00 p.m.	407-850-7000
Philadelphia Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	215-492-4100
Phoenix Sky Harbor Intl, AZ	310-643-3200	7:30 a.m.-4:00 p.m.	602-379-4226
Pittsburgh Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	412-269-9237
Portland Intl, OR	425-227-1389	7:30 a.m.-4:00 p.m.	503-493-7500
Raleigh-Durham, NC	404-305-5180	8:00 a.m.-4:30 p.m.	919-840-5544
Ronald Reagan Washington National, DC	718-995-5426	8:00 a.m.-4:30 p.m.	703-413-1535
Salt Lake City, UT	425-227-1389	7:30 a.m.-4:00 p.m.	801-325-9600
San Antonio Intl, TX	817-222-5006	8:00 a.m.-4:30 p.m.	210-805-5507
San Diego Lindbergh Intl, CA	310-725-3300	8:00 a.m.-4:30 p.m.	619-299-0677
San Francisco Intl, CA	310-643-3200	7:00 a.m.-3:30 p.m.	650-876-2883
San Juan Intl, PR	404-305-5180	7:30 a.m.-5:00 p.m.	809-253-8663
Seattle-Tacoma Intl, WA	425-227-1389	7:30 a.m.-4:00 p.m.	206-768-2900
St. Louis Lambert, MO	816-329-3000	7:30 a.m.-4:00 p.m.	314-890-1000
Tampa Intl, FL	404-305-5180	7:30 a.m.-4:00 p.m.	813-371-7700
Ted Stevens Anchorage Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-271-2700
Teterboro, NJ	718-995-5426	8:00 a.m.-4:30 p.m.	201-288-1889
Washington Dulles Intl, DC	718-995-5426	8:00 a.m.-4:30 p.m.	703-661-6031
West Palm Beach, FL	404-305-5180	8:00 a.m.-4:30 p.m.	407-683-1867
Westchester Co, NY	718-995-5426	8:00 a.m.-4:30 p.m.	914-948-6520

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

**INTENTIONALLY
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Air Route Traffic Control Center frequencies and their remotest transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

® ATLANTA CENTER

Greensboro – 128.8 **124.425**
Tri City – 132.9 **126.775** **120.725**

H-6-9-10,
L-18-22-24-25-26-36, A-1
(KZTL)

® BOSTON CENTER

Augusta – **134.95**
Barnstable – 132.9 128.75 **127.825**
Berlin – **135.7** 135.7
Bucks Harbor – **133.45** 133.45
Burlington – **118.825** **120.35** 120.35
Calverton – 124.525
Caribou – 124.75
Concord – 128.325
Cummington – 132.65
Gardner – 134.7 123.75
Houlton – **128.05** 120.25
Hyannis – **133.45** 133.45
Islip – 135.8 132.3
Kingston – 134.3
Lake George – **135.325** **133.625** **128.325** 121.35
Lebanon – 134.7
Melrose – 135.55 133.325 119.25
Millinocket – **128.05**
Montpelier – **135.7** 135.7
Portland – 128.2
Rockdale – 133.25 **126.475**
St. Albans – **128.05** 124.25 120.25
Shelton – 135.075 134.0 128.1 **125.575**
Turin – 135.25 133.25 **123.875** **120.35**
Utica – **124.125**
Waterboro – 128.2 118.55
Woodstock – **135.325** **133.425** 133.425 127.65 124.85 **118.425**.

H-10-11-12, L-30-31-32-33-34
(KZBW)

REMARKS: The provisions of enroute primary radar not available in the BOSTON ARTCC Watertown, NY area at 12,000' and below, Rockdale/Utica, NY areas at 11,000' and below, Delancey, NY area at 7,000' and below, and in the Syracuse/Georgetown, NY areas at all altitudes.

® CLEVELAND CENTER

Altoona – **132.125** 128.45 124.4 121.2
Bradford – 126.725
Dubois – 126.725
Dunkirk – 125.2
Holland – **135.775** **120.625**
Moon Township – 134.475 254.725 **133.075**
Morgantown – 126.95
Warren – **134.125** **132.925** **119.725**
Waterford – 127.07
Wayland – 127.475 124.325

H-2-5-10-11-12, L-27-28-29-30-31-32, A-2
(KZOB)

® INDIANAPOLIS CENTER – 135.25 132.775 119.95

Bluefield – 126.575
Charleston – **134.225** 127.4 **119.525**
Marmet – **134.225** 127.4

H-5-9-10-12, L-16-25-26-27-29
(KZID)

® NEW YORK CENTER

H-10-11-12, L-29-30-32-33-34-36

(KZNY)

Arr-Dep US - 133.7
 Barnegat - 132.15 132.15
 Barnstable - 135.8 125.925
 Big Flat - 133.475 132.2
 Colts Neck - 118.975
 Douglaston - 134.375 133.05
 Elk Mountain - 134.45 132.175 128.5
 Flint Hill - 124.625 134.6 132.1
 Huguenot - 132.6
 Joliet - 133.675 132.5
 Matawan - 125.325 127.175
 Millville - 134.325
 Modena - 135.45
 Nantucket - 121.125
 North Mountain - 133.5 128.575 123.625 121.325
 Philipsburg - 134.8 132.875
 Sayre - 133.35
 Ship Bottom - 128.3 133.05
 Sparta - 133.15
 Williamsport - 124.9

® WASHINGTON CENTER

H-9-10-12, L-24-25-26-29-34-35-36, A-1

(KZDC)

Arr-Dep US - 135.5 133.82 133.12 128.52 127.7 127.42 124.02 123.85 118.82
 Atlantic City - 133.12
 Bucks Elbow - 135.4 133.2 133.2 121.675
 Buena Vista - 134.625 134.4 133.025 127.925
 Cape Charles - 128.525
 Cedar Lake - 124.77 124.77
 Elkins - 128.6
 Falls Church - 126.875 135.525 133.97 132.775
 Grantsville - 133.65
 Green Bay - 133.725 132.025 127.75 118.75
 Hagerstown - 134.15 134.15
 Linden - 133.55
 Lynchburg - 133.575
 Manteo - 124.725
 Martinsburg - 132.275
 Millville - 125.45 125.45
 Modena - 132.525
 Patuxent River - 133.9
 Roanoke - 134.625
 Sea Isle - 127.7
 Ship Bottom - 127.025
 Smyrna - 132.05
 South Boston - 124.05
 Whaleyville - 120.75
 White Sulphur Springs - 120.85

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. Frequencies in bold type are available all altitudes but recommended for use FL180 and above. "T" indicates transmit only and "R" indicates receive only. RCO's available at NAVAIDS are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

ALTOONA AFSS

ALLEGHENY VOR/DME 110.0T 122.1R 122.2 122.4
 ALTOONA RCO 122.1R 122.2 122.65 123.6
 ALTOONA VOR 108.8T
 BRADFORD VOR/DME 116.6T 122.1R 122.2 122.3
 CLARION VOR/DME 112.9T 122.1R
 DU BOIS RCO 122.2
 ELLWOOD CITY VORTAC 115.8T 122.1R
 ERIE VORTAC 109.4T 122.1R
 FRANKLIN VOR 109.6T 122.1R
 INDIAN HEAD VORTAC 108.2T 122.1R
 JOHNSTOWN VORTAC 113.0T 122.1R 122.65
 KEATING VORTAC 116.0T 122.1R
 MONTGOMERY VORTAC 112.0T 122.1R
 PHILIPSBURG VORTAC 115.5T 122.1R **122.5** 122.6
 REVLOC VOR/DME 110.6T 122.1R
 SLATE RUN VORTAC 113.9T 122.1R
 ST MARYS RCO 121.3
 ST THOMAS VORTAC 115.0T 122.1R
 TIDIOUTE VORTAC 117.6T 122.1R
 TYRONE VORTAC 114.9T 122.1R

BANGOR AFSS

AUGUSTA VOR/DME 111.4T 122.1R 122.2 122.6
 BANGOR RCO 122.2
 BELFAST RCO 121.975
 BERLIN RCO 122.35
 BUCKS HARBOR RCO 122.5
 CARIBOU RCO **122.3**
 CLAREMONT RCO 122.4
 CONCORD RCO 122.2 **122.3**
 FRYEBURG RCO 122.55
 GREENVILLE RCO **122.3**
 HOULTON VOR/DME 116.1T 122.1R 122.2
 KEENE VORTAC 109.4T 122.1R
 KENNEBUNK VORTAC 117.1T 122.1R
 LEBANON VOR/DME 113.7T 122.1R 122.2 122.5
 MANCHESTER VOR/DME 114.4T 122.1R
 MILLINOCKET VOR/DME 117.9T 122.1R 123.6
 PRINCETON VOR/DME 114.3T 122.1R
 WATERBORO RCO 122.25
 WHITEFIELD RCO 122.4

BRIDGEPORT AFSS

BOSTON VORTAC 112.7T 122.1R 122.4
BRIDGEPORT VOR/DME 108.8T 122.1R 122.2
CHESTER RCO 122.25
FITCHBURG RCO 118.025
GARDNER VORTAC 110.6T 122.1R
GROTON VOR 110.85T 122.1R
HYANNIS RCO 126.425
LAWRENCE VOR/DME 112.5T 122.1R
MADISON VOR/DME 110.4T 122.1R
MANSFIELD RCO 121.725
MARTHAS VINEYARD VOR/DME 114.5T 122.1R
NANTUCKET VOR/DME 116.2T 122.1R
NEW HAVEN VOR/DME 109.8T 122.1R
NORWICH VOR/DME 110.0T 122.1R
PROVIDENCE RCO 122.6
PUTNAM VOR/DME 117.4T 122.1R
QUONSET STATE RCO 122.3
WINDSOR LOCKS RCO 122.3
WORCESTER RCO 122.2

BUFFALO AFSS

BINGHAMTON VORTAC 112.2T 122.1R
BUFFALO RCO 122.1R 122.2 122.6
BUFFALO VOR/DME 116.4T
DUNKIRK VORTAC 116.2T 122.1R
ELMIRA RCO 122.2 122.4
ELMIRA VOR/DME 109.65T
GENESEO VOR/DME 108.2T 122.1R
GEORGETOWN VORTAC 117.8T 122.1R
HANCOCK VOR/DME 116.8T 122.1R
ITHACA VOR/DME 111.8T 122.1R
JAMESTOWN VOR/DME 114.7T 122.1R
ROCHESTER RCO 122.6
ROCKDALE VOR/DME 112.6T 122.1R
UTICA VORTAC 111.2T 122.1R 122.2 122.65
WELLSVILLE VORTAC 111.4T 122.1R

BURLINGTON AFSS

ALBANY VORTAC 115.3T 122.1R 122.2 **122.45**
BARNES VORTAC 113.0T 122.1R
BURLINGTON RCO 122.2 122.6
CHESTER VOR/DME 115.1T 122.1R
GLENS FALLS VORTAC 110.2T 122.1R 122.2 **122.4**
MASSENA RCO 122.2
MONTPELIER RCO 122.2 122.6
NEWPORT RCO 122.5
OGDENSBURG RCO **122.4**
PITTSFIELD RCO **122.05**
PLATTSBURGH VORTAC 116.9T 122.1R
RUTLAND RCO 122.3
SARANAC LAKE VOR/DME 109.2T 122.1R
SPRINGFIELD RCO 122.5
WATERTOWN VORTAC 109.8T 122.1R 122.2 **122.3**

ELKINS AFSS

BECKLEY VORTAC 117.7T 122.1R
 BLUEFIELD VORTAC 110.0T 122.1R 122.2 122.65
 CHARLESTON VORTAC 117.4T 122.1R 122.2 **122.55**
 CLARKSBURG VOR/DME 112.6T 122.1R
 CUMBERLAND RCO 122.35
 ELKINS VORTAC 122.2 **122.45** 123.6 114.2T 122.1R
 GRANTSVILLE VOR/DME 112.3T 122.1R
 HENDERSON VORTAC 115.9T 122.1R
 HUNTINGTON RCO 122.2 **122.6**
 IVY KNOB RCO 124.3
 KESSEL VOR/DME 110.8T 122.1R
 MARTINSBURG RCO 122.45
 MORGANTOWN VORTAC 111.6T 122.1R 122.6
 PARKERSBURG VORTAC 108.6T 122.1R 122.4
 RAINELLE VOR 116.6T 122.1R
 WHEELING VOR/DME 118.65 112.2T 122.1R

LEESBURG AFSS 122.0 122.2 122.6

ARMEL VORTAC 113.5T 122.1R
 BALTIMORE VORTAC 115.1T 122.1R 122.2
 BROOKE VORTAC 114.5T 122.1R
 BUCK'S ELBOW MOUNTAIN RCO 122.2 122.65
 CAPE CHARLES VORTAC 112.2T 122.1R
 CASANOVA VORTAC 116.3T 122.1R
 CHARLOTTESVILLE RCO 122.2 122.65
 DANVILLE VOR 113.1T 122.2
 FALLS CHURCH RCO 122.2 122.6
 FLAT ROCK VORTAC 113.3T 122.1R
 FRANKLIN VORTAC 110.6T 122.1R
 FREDERICK VOR 109.0T 122.1R
 GLADE SPRING VOR/DME 110.2T 122.1R
 GORDONSVILLE VORTAC 115.6T 122.1R
 HAGERSTOWN VOR 109.8T 122.1R
 HARCUM VORTAC 108.8T 122.1R
 HOPEWELL VORTAC 112.0T 122.1R
 LAWRENCEVILLE VORTAC 112.9T 122.1R
 LINDEN VORTAC 114.3T 122.1R
 LYNCHBURG VORTAC 109.2T 122.1R
 MARTINSBURG VORTAC 112.1T 122.1R
 MONTEBELLO VOR/DME 115.3T 122.1R
 NEWPORT NEWS RCO 122.2 122.65
 NORFOLK VORTAC 116.9T 122.1R
 NOTTINGHAM VORTAC 113.7T 122.1R
 PATUXENT VORTAC 117.6T 122.1R
 PULASKI VORTAC 116.8T 122.1R 122.3
 RICHMOND VORTAC 114.1T 122.1R 122.2 **122.4**
 ROANOKE VORTAC 109.4T
 ROANOKE RGNL/WOODRUM RCO 122.2 122.6 109.4T 122.1R
 SALISBURY VORTAC 111.2T 122.1R 122.2 122.3
 SNOW HILL VORTAC 112.4T 122.1R 122.6
 SOUTH BOSTON VORTAC 110.4T 122.1R
 WESTMINSTER VOR/DME 117.9T 122.1R

MILLVILLE AFSS

ATLANTIC CITY VORTAC 108.6T 122.55
 BROADWAY RCO 122.35
 CEDAR LAKE VORTAC 115.2T 122.1R
 COLTS NECK RCO 122.3
 COYLE VORTAC 113.4T 122.1R
 DUPONT VORTAC 114.0T 122.1R
 MILLVILLE RCO 122.1R 122.2 **122.65** 123.65
 ROBBINSVILLE VORTAC 113.8T 122.1R 122.45
 SEA ISLE VORTAC 114.8T 122.1R
 SMYRNA VORTAC 111.4T 122.1R
 SOLBERG VOR/DME 112.9T 122.1R
 SPARTA RCO 122.5
 STILLWATER VOR/DME 109.6T 122.1R
 TETERBORO RCO 122.2 **122.65**
 WATERLOO VOR/DME 112.6T 122.1R
 WOODSTOWN VORTAC 112.8T 122.1R

NEW YORK IFSS

HAMPTON VORTAC 113.6T 122.1R 122.6
 HUGUENOT VOR/DME 116.1T 122.1R
 KENNEDY VOR/DME 115.9T 122.1R
 KINGSTON VOR/DME 117.6T 122.1R
 LA GUARDIA VOR/DME 113.1T
 NEW YORK RCO 122.2 122.6
 POUGHKEEPSIE RCO 122.2 122.4

WILLIAMSPORT AFSS

ALLENTOWN VORTAC 117.5T 122.1R
 HARRISBURG VORTAC 112.5T 122.1R 122.2 122.4
 LANCASTER VORTAC 117.3T 122.1R
 MODENA VORTAC 113.2T 122.1R
 NORTH PHILADELPHIA VOR 112.0T 122.2 122.6
 POTTSTOWN VORTAC 116.5T
 RAVINE VORTAC 114.6T 122.1R
 SELINGSGROVE VORTAC 110.4T 122.1R
 STONYFORK VOR/DME 108.6T 122.1R
 WILKES-BARRE RCO 122.2 122.6
 WILLIAMSPORT RCO 122.2 122.65
 WILLIAMSPORT VOR/DME 114.4T 122.1R
 YARDLEY VOR/DME 108.2T

FLIGHT STANDARDS DISTRICT OFFICES (FSDO)

Below is a list of FSDO's in the area of coverage of this directory. These offices serve the aviation industry and the general public on matters relating to certification and operation of general aviation aircraft. Address letters to Manager, Flight Standards District Office-Federal Aviation Administration.

Flight Standards personnel in these offices are responsible for serving the aviation industry and the general public on all matters relating to the certification and operation of general aviation aircraft.

CONNECTICUT

1st Floor, Building 85-214
Bradley International Airport
Windsor Locks, Connecticut 06096-1009
Telephone: 860-654-1000

DISTRICT OF COLUMBIA

Hallmark Building
13873 Park Center Road, Suite 475
Herndon, VA 20171
Telephone: 703-230-7664
Fax: 703-230-7720

MAINE

Portland International Jetport
2 AL McKay Avenue
Portland, Maine 04102
Telephone: 207-780-3263

MARYLAND

890 Airport Park Road
Cromwell Business Park
Glen Burnie, Maryland 21061
Mailing Address
BWI Airport, Maryland 21240
Telephone: 410-787-0040

MASSACHUSETTS

One Cranberry Hill
Fourth Floor, Suite 402
Lexington, Massachusetts 02421-7394
Telephone: 781-274-7130
Fax: 781-274-6725

NEW JERSEY

Park 80 West, Plaza One
Saddlebrook, New Jersey 07663
Telephone: 201-556-6600

NEW YORK

7 Airport Park Boulevard
Latham, New York 12110
Telephone: 518-785-5660

Administrative Building, Suite 235
Route 110, Republic Airport
Farmingdale, New York 11735
Telephone: 631-755-1300

990 Stewart Ave., Suite 630
Garden City, NY 11530-4858
Telephone: 516-228-8033

#1 Airport Way, Suite 110
Rochester, New York 14624
Telephone: 585-436-3880

PENNSYLVANIA

Allegheny County Airport
3000 Lebanon Church Road, Suite 300
West Mifflin, Pennsylvania 15122
Telephone: 412-466-5357

Allentown-Bethlehem-Easton Airport
961 Marcon Blvd., Suite 111
Allentown, Pennsylvania 18103
Telephone: 610-264-2888

Capital City Airport
400 Airport Rd, Room 101
New Cumberland, Pennsylvania 17070
Telephone: 717-774-8271

International Plaza #2, 2nd Floor
Philadelphia, Pennsylvania 19113
Telephone: 610-595-1500

One Thorn Run Center, Suite 200
1187 Thorn Run Extension
Coraopolis, PA 15108
Telephone: 412-262-9034

VIRGINIA

Richmond Intl
5757 Huntsman Rd, Suite 100
Richmond, Virginia 23250-2415
Telephone: 804-222-7494

WEST VIRGINIA

Yeager Airport
301 Eagle Mountain Road, Room 144
Charleston, West Virginia 25311
Telephone: 304-347-5199

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic, using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing single direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.

2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).

3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.

4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.

5. Where more than one route is listed the routes have equal priority for use.

6. Official location identifiers are used in the route description for VOR/VORTAC nav aids.

7. Intersection names are spelled out.

8. Navaid radial and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g., UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).

9. Where two nav aids, an intersection and a nav aid, a nav aid and a nav aid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.

10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.

11. (90–170 incl) altitude flight level assignment in hundred of feet.

12. The notations pressurized and unpressurized for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.

13. High Altitude Preferred IFR Routes are in effect during the following time periods unless otherwise noted.

Sun 1300–2259 local time.

Mon thru Fri 0701–2259 local time.

Sat 0701–1459 local time.

14. Use current SIDs and STARs for flight planning.

15. For high altitude routes, the portion of the routes contained in brackets [] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

LOW ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY (ALB)		
Boston (BOS)	(60–170 incl) V2 GDM GDM–STAR	1100–0300
Kennedy (JFK)	(60–170 incl, non-jet) V44 DPK	1100–0300
La Guardia (LGA)	(70–170 incl, less than 250 kts) V123	1100–0300
	or	
	(110–170 incl, 250 kts or more) IGN V157	
	HAARP	1100–0300
NE Philadelphia (PNE)	(90–170, non–turbojet) V14 CEDOR DNY051 DNY	
	LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(90–170, turbojet) V14 CEDOR DNY051 DNY LHY	
	LVZ V29 ETX V30 V149 MAZIE ARD	1100–0300
Newark (EWR)	(70–170 incl, non–turbojet) V489 COATE	1100–0300
	or	
	(110–170 incl, turbojet) V213	
	TALCO SHAFF–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
Philadelphia (PHL)	(60–170 incl less than 210 kts, non-turbojet) V14 CEDOR DNY051 DNY V449 LHY V93 LVZ V29 PTW	1100–0300
	or	
	(60–170 incl 210 kts plus, non-turbojet) V14 CEDOR DNY051 DNY V449 LHY V93 LVZ V613 FJC PTW	1100–0300
	or	
	(70–170 turbojets only) V14 CEDOR DNY051 DNY SLATT–STAR	
Trenton (TTN)	(90–170, non-turbojet) V14 CEDOR DNY051 DNY LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(90–170, turbojet) V14 CEDOR DNY051 DNY LHY LVZ V29 ETX V30 V149 MAZIE ARD	1100–0300
BALTIMORE (BWI) —See Washington/Baltimore Metro		
BOSTON METRO AREA (BOS)		
Cleveland (CLE)	(60–170) MHT V490 UCA V2 SYR V84 GEE V464 V115 TDT V72 V232 CXR	1000–0300
Kennedy (JFK)	(110–170, jets) LUCOS SEY067 SEY PARCH CCC ROBER	1100–0300
	or	
	(110–170, Props) LUCOS SEY067 SEY HTO V46 DPK	
	or	
	(AOB 100) BOSOX V419 V14 ORW V16 DPK	
La Guardia (LGA)	(110–170 incl, more than 250 kts) BOSOX BDL BDL255 VALRE V157 HAARP	1100–0300
	or	
	(110–170 incl, less than 250 kts) GLYDE BAF PWL V405 CASSH V123 HAARP	
Martha's Vineyard (MVY)	BOS V141 DRUNK	0000–2359
NE Philadelphia (PNE)	(60–100, non-turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(90–170, non-turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, non-turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
Newark (EWR)	(110–170 incl, props) GLYDE BAF V292 SAGES V489 COATE	1100–0300
	or	
	(110–170, Jets) BOSOX BDL SHAFF–STAR	1100–0300
Philadelphia (PHL)	(80–170 incl) ARCER SEY V268 HTO V308 DRIFT V312 CYN	1100–0300
	or	
	(60–170, non-turbojet, >210 kts) V292 SAGES V408 LHY V93 LVZ V613 FJC PTW	1100–0300
Rochester (ROC)	(60–170 incl) MHT V490 UCA V2	1000–0300
Syracuse (SYR)	(60–170 incl) MHT V490 UCA V2	1000–0300
Trenton (TTN)	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(90–170, non-turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
Washington Natl (DCA)	(80–170 incl) ARCER AVONN V268 HTO V308 OTT	1100–0300
Wilmington (ILG)	(60–100, non-turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non-turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, turbojets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
BUFFALO (BUF)		
Boston (BOS)	(60–170 incl) V252 GEE V14 GDM GDM-STAR	1100–0300
Chicago Midway (MDW)	(60–170 incl) V84 LAN V218 ELX V55 GIJ V156 V92 CGT	1100–0300
Chicago O'Hare (ORD)	(60–170 incl) V84 PAPPI	1100–0300
Cleveland (CLE)	(60–170 incl) V115 JHW V270 ERI V14 JFN CXR .	1100–0300
Detroit Metro Wayne Co (DTW)	(60–170 incl) V2 YQO SPICA–STAR	1100–0300
Detroit Satellites:		
Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP)	(60–170 incl) V2 YQO	1100–0300
Elmira (ELM)	(60–170 incl) V14 GEE V147	1100–0300
Philadelphia (PHL)	(60–170 incl) V33 V210 BUNTS	
Pittsburgh (PIT)	(60–170 incl) V115 TDT CIP GRACE–STAR	1100–0300
Washington Natl (DCA)	(60–170 incl) V33 BFD V170 V93 BAL	1100–0300
CAPE COD (CPD)		
Atlantic City (ACY)	(60–100 singles) V34 SEY V268 HTO CCC V16 DIXIE V229	1000–0300
	or	
	(AOB 100 all) V34 SEY V268 HTO V308 BRIGS ...	1000–0300
	or	
	(AOB 100 all) V146 BAF V292 SAGES V408 LHY V106 LVZ V29 MXE V184	1000–0300
Dover AFB (DOV)	(60 –100 singles) V34 SEY V268 HTO V46 DPK V16 ENO	1000–0300
	or	
	(AOB 100 all) V34 SEY V268 ENO	1000–0300
	or	
	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V106 LVZ V29 ENO	1000–0300
Dubois (DUJ)	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V58 FQM V226 PARDY	1000–0300
Gaithersburg (GAI)	(60–100 singles) V34 SEY V268 HTO V46 DPK V16 ENO V268 BAL	1000–0300
	or	
	(AOB 100 all) SEY HTO V268 EMI	1000–0300
	or	
	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V93 LRP V457 EMI	1000–0300
NE Philadelphia (PNE)	(60–100, single engine only) V34 SEY V268 HTO V46 DPK V16 CYN V312 OOD	1100–0300
	or	
	(60–100, non-turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non-turbojet) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD or (110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD or (90–170, non-turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD Newark (EWR) (110–170, turbojet) BOSOX BDL SHAFF-STAR 1100–0300 Newburgh (SWF) (AOB 100 all) PVD V405 BDL V205 TRESA 1000–0300 Trenton (TTN) (60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD 1100–0300 or (110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD 1100–0300 or (90–170, non-turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD 1100–0300 White Plains (HPN) (AOA 110, 250 kts or less) PVD V146 BAF V106 PWL V405 CASSH V123 HAARP 1100–0300 or (AOA 110, more than 250 kts) PVD PUT BDL IGN V157 HARRP Wilmington (ILG) (60–100 single engine only) V34 SEY V268 HTO V46 DPK V16 CYN V312 OOD 1000–0300 or (60–100, non-turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD 1000–0300 or (AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V106 LVZ V29 DQO 1000–0300 or (110–170, non-turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD 1100–0300 or (110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE-STAR 1100–0300	
CHARLESTON (CRW)		
Pittsburgh (PIT)	(60–170 incl) V115 JPU V117 WISKE WISKE-STAR	
KENNEDY (JFK) —See New York Metro Area		
LA GUARDIA (LGA) —See New York Metro Area		
MONTREAL (CYUL)		
Newark (EWR)	(80-170 incl, 250 kts or less) V282 SLK V203 ALB V489 COATE or (110-170 incl, more than 250 kts) V282 SLK V203 ALB V213 SAX 1100-0300 1100-0300	
NEW YORK METRO AREA		
From KENNEDY (JFK) only		
Albany (ALB)	(70–170 incl) BDR V487 CANAN V130	1100–0300
Baltimore (BWI)	(90–170 incl, 250 kts or less) WHITE V1 LEEAH V268 or (140–170 incl, more than 250 kts) RBV RBV274 MXE056 V378 BAL 1100–0300 1100–0300	
Boston (BOS)	(110–170, turbojet) MERIT ORW PVD ORW-STAR or (110–170, non-turbojet) MERIT ORW V16 WOONS 1100–0300 1100–0300	
Burlington (BTV)	(90–170 incl) BDR V487	1100–0300

Terminals	Route	Effective Times (UTC)
Hagerstown (HGR)	(140-160) RBV V276 V162 HAR V377	1100-0300
	or	
	(90-130 incl) COATE V188 LVZ V93 DUMMR V162 HAR V377	
Harrisburg (MDT)	(90-130 incl) COATE V188 LVZ V93 DUMMR V162 HWANG	1100-0300
	or	
	(140-160 incl) RBV V276 V162 HWANG	1100-0300
	or	
	(90-130 incl) COATE V188 LVZ V93 DUMMR V162 HYPER V143 ROBERT AML	1100-0300
Montreal (CYUL)	(110-170) BDR V487 BTW V91 NAPEE	1100-0300
Norfolk (ORF)	(90-170 incl, more than 250 kts) WAVEY PLUME V139 CCV	1100-0300
	or	
	(90-170 incl, 250 kts or less) WHITE V1 CCV	1100-0300
Portland (PWM)	(110-170) MERIT HFD EEN CON CON061 NEETS	1100-0300
Providence (PVD)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 MINNK	1100-0300
Rochester (ROC)	(90-130 incl) HAAYS HUO V252 GIBBE	1100-0300
	or	
	(140-170 incl) GAYEL V374 CFB V252 GIBBE	1100-0300
Rome (RME)	(90-170) HAAYS V273 V449 DNY V249 UCA	1100-0300
Syracuse (SYR)	(90-130 incl) HAAYS HUO V252 CFB V29	1100-0300
	or	
	(140-170 incl) GAYEL V374 CFB	1100-0300
Toronto (CYYZ)	(90-130 incl) COATE V126 LHY ULW V36	1100-0300
	or	
	(140-170 incl) GAYEL V374 CFB V270 ULW V36	1100-0300
Washington Dulles (IAD)	(140-170 incl, jets) RBV V276 V457 LRP V143 MULRR AML	1100-0300
	or	
	(140-170 incl, props) RBV V276 V39 LRP V143 MULRR AML	1100-0300
Washington Natl (DCA)	(80-170 incl, 250 kts or less) V1 LEEAH V229 V308 OTT	1100-0300
	or	
	(80-170 incl, more than 250 kts) WAVEY PLUME V308 BILIT	1100-0300
From LA GUARDIA (LGA) only		
Albany (ALB)	(70-170 incl) BDR V487 CANAN V130	1100-0300
Baltimore (BWI)	(90-170 incl) BIGGY V3 MXE V378 BAL	1100-0300
Binghamton (BGM)	(90-170 incl) HAAYS HUO V252 CFB	1100-0300
Boston (BOS)	(110-170 turbojet) MERIT ORW PVD ORW-STAR	1100-0300
	or	
	(110-170 non-turbojet) MERIT ORW V16 WOONS	1100-0300
Cleveland (CLE)	(90-100 incl) LANNA V30 SEG V6 YNG CXR	1100-0300
	or	
	(140-170 incl.) ELIOT V39 ETX V30 SEG V6 YNG CXR	1100-0300
Elmira (ELM)	(90-170 incl) COATE V126 LHY ULW	1100-0300
Harrisburg (CXY)	(90-100) LANNA V30 ETX V162 HWANG	1100-0300
	or	
	(110-170 incl) ELIOT V39 ETX V162 HWANG	1100-0300
Manchester (MHT)	(110-170 non-turbojet) MERIT HFD V229 GDM V106	1100-0300
	or	
	(110-170, turbojet) MERIT HFD EEN MHT	1100-0300
Martha's Vineyard (MVY)	(110-170 incl) BAYYS V229 SEALL V188 GON V374	1100-0300
Montreal (CYUL)	(70-170 incl) BDR V91 BOWAN V487 BTW V91 NAPEE	1100-0300
Nantucket (ACK)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 ORW130 DEEPO V46	1100-0300

Terminals	Route	Effective Times (UTC)
Norfolk (ORF)	(90-170 incl) WHITE V1 CCV	
Pittsburgh (PIT)	(90-100 incl) LANNA V30 PSB GRACE-STAR	1100-0300
	or	
	(140-170 incl) ELIOT V39 ETX V30 PSB	
	GRACE-STAR	1100-0300
Portland (PWM)	(110-170 all) MERIT HFD EEN CON CON061	
	NEETS	1100-0300
Providence (PVD)	(110-170 incl) BAYYS V229 SEALL V188 GON	
	V374 MINNK	1100-0300
Richmond (RIC)	(90-170 incl) WHITE V1 CCV HPW	1100-0300
Rochester (ROC)	(90-170 incl) HAAYS HUO V252 GIBBE	1100-0300
Rome (RME)	HAAYS V273 V449 DNY V249 UCA	1100-0300
Syracuse (SYR)	(90-170 incl, less than 250 kts) HAAYS HUO	
	V252 CFB V29	1100-0300
	or	
	(90-170 incl, 250 kts plus) GAYEL CFB	1100-0300
Toronto (CYYZ)	(90-170 incl) COATE V126 LHY ULW V36	1100-0300
Washington Dulles (IAD)	(140-170 incl, jets) PARKE V457 LRP V143	
	MULRR AML	1100-0300
	or	
	(140-170 incl, props) ELIOT V39 LRP V143	
	MULRR AML	1100-0300
	or	
	(90-130 incl, props) LANNA V30 ETX V39 LRP	
	V143 ROBRT AML	1100-0300
Washington Natl (DCA)	(90-170 incl, props) BIGGY V3 MXE V378 BAL ..	1100-0300
Wilkes-Barre/Scranton (AVP)	(90-170 incl) COATE V188 LVZ	1100-0300
From NEWARK (EWR) only		
Albany (ALB)	(70-170 incl, turbojets) BDR V487 CANAN V130 .	1100-0300
	or	
	(70-170 less than 210 kts) BREZY V39 SOARS	
	V487 CANAN V130	1100-0300
	or	
	(70-170, greater than 210 kts) HAAYS V273	
	V449	1100-0300
Baltimore (BWI)	(90-170 incl) BIGGY V3 MXE V378	1100-0300
Bedford (BED)	(110-170 incl) MERIT HFD GRAYM-STAR	1100-0300
Binghamton (BGM)	(90-170 incl) HAAYS HUO V252 CFB	1100-0300
Boston (BOS)	(110-170, turbojet) MERIT ORW PVD ORW-STAR .	1100-0300
	or	
	(110-170, non-turbojet) MERIT ORW V16 WOONS	
	.....	1100-0300
Buffalo (BUF)	(90-170 incl) COATE V126 LHY ULW ULW306	
	V164	1100-0300
Burlington (BTV)	(110-170 incl) GREKI V39 SOARS V487	1100-0300
Cleveland (CLE)	(90-100 incl) LANNA V30 SEG V6 YNG CXR	1100-0300
	or	
	(140-170 incl) ELIOT V39 ETX V30 SEG V6 YNG	
	CXR	1100-0300
Elmira (ELM)	(90-170 incl) COATE V126 LHY ULW	1100-0300
Harrisburg (CXV)	(90-100 incl) LANNA V30 ETX V162 HWANG	1100-0300
	or	
	(110-170 incl) ELIOT V39 ETX V162 HWANG	1100-0300
Hyannis (HYA)	(110-170 incl) BAYYS V229 SEALL V188 GON	
	V374 MVY	1100-0300
Manchester (MHT)	(110-170, non-turbojet) MERIT HFD V229 GDM	
	V106	1100-0300
	or	
	(110-170 turbojet) MERIT HFD EEN MHT	1100-0300
Martha's Vineyard (MVY)	(110-170 incl) BAYYS V229 SEALL V188 GON	
	V374	1100-0300
Martinsburg (MRB)	(90-100) LANNA V30 ETX V39	1100-0300
	or	
	(110-170 incl) ELIOT V39	1100-0300
Martin State (MTN)	(90-170 incl) BIGGY V3 MXE V408 VINNY V93	
	SKILS	1100-0300

Terminals	Route	Effective Times (UTC)
Montreal (CYUL)	(70-170 incl) BDR V91 BOWAN V487 BTW V91 NAPEE	1100-0300
Nantucket (ACK)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 ORW130 DEEPO V46	1100-0300
Norfolk (ORF)	(90-170 incl) WHITE V1 CCV	1100-0300
Norwood (OWD)	(110-170 incl) MERIT ORW V16 WOONS	1100-0300
Pittsburgh (PIT)	(90-100 incl) LANNA V30 PSB GRACE-STAR	1100-0300
	or (140-170 incl.) ELIOT V39 ETX V30 PSB GRACE-STAR	1100-0300
Portland (PWM)	(110-170, all) MERIT HFD EEN CON CON061 NEETS	1100-0300
Providence (PVD)	(110-170 incl) BAYYS SEALL V188 GON V374 MINNK	1100-0300
Richmond (RIC)	(90-170 incl) WHITE V1 CCV HPW	1100-0300
Rochester (ROC)	(90-170 incl) HAAYS HUO V252 GIBBE	1100-0300
Rome (RME)	(90-170, all others) HAAYS V273 V449 DNY V249 UCA	1100-0300
Syracuse (SYR)	(90-170 incl, less than 250 Kts) HAAYS HUO V252 CFB V29	1100-0300
	or (90-170 incl, 250 Kts plus) GAYEL CFB	1100-0300
Toronto (CYYZ)	(90-170 incl) COATE V126 LHY ULW V36	1100-0300
Washington Dulles (IAD)	(140-170 incl, jets) PARKE V457 LRP V143 MULRR AML	1100-0300
	or (140-170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100-0300
	or (90-130 incl, props) LANNA V30 ETX V39 LRP V143 MULRR AML	1100-0300
Washington Natl (DCA)	(90-170 incl, props) BIGGY V3 MXE V378 BAL ..	1100-0300
Wilkes-Barre/Scranton (AVP)	(90-170 incl) COATE V188 LVZ	1100-0300
From WHITE PLAINS (HPN) only		
Albany (ALB)	(70-170 incl) BDR V487 CANAN V130	1100-0300
Baltimore (BWI)	(90-170 incl) BIGGY V3 MXE V378 BAL	1100-0300
Binghamton (BGM)	(90-170 incl) HAAYS HUO V252 CFB	1100-0300
Boston (BOS)	(110-170 turbojet) MERIT ORW PVD ORW-STAR . or (110-170 non-turbojet) MERIT ORW V16 WOONS	1100-0300
Cleveland (CLE)	(90-170 incl) COATE V126 LHY V58 PSB V6 YNG CXR	1100-0300
Elmira (ELM)	(90-170 incl) COATE V126 LHY ULW	1100-0300
Harrisburg (CXY)	(90-100) LANNA V30 ETX V162 HWANG	1100-0300
	or (110-170 incl) ELIOT V39 ETX V162 HWANG	1100-0300
Manchester (MHT)	(110-170 non-turbojet) MERIT HFD V229 GDM V106	1100-0300
	or (110-170, turbojet) MERIT HFD EEN MHT	1100-0300
Martha's Vineyard (MVY)	(110-170 incl) BAYYS V229 SEALL V188 GON V374	1100-0300
Montreal (CYUL)	(70-170 incl) GREKI V39 SOARS V487 BTW V91 NAPEE	1100-0300
Nantucket (ACK)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 ORW130 DEEPO V46	1100-0300
Norfolk (ORF)	(90-170 incl) WHITE V1 CCV	1100-0300
Norwood (OWD)	(110-170 incl) MERIT ORW V16 WOONS	1100-0300
Pittsburgh (PIT)	(90-170 incl) COATE V126 LHY V58 PSB GRACE-STAR	1100-0300
Portland (PWM)	(110-170, all) MERIT HFD EEN CON CON061 NEETS	1100-0300
Providence (PVD)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 MINNK	1100-0300
Richmond (RIC)	(110-170 incl) WHITE V1 CCV HPW	1100-0300

Terminals	Route	Effective Times (UTC)
Rochester (ROC)	(90–170 incl) HAAYS HUO V252 GIBBE	1100–0300
Syracuse (SYR)	(90–130 incl) HAAYS HUO V252 CFB V29	1100–0300
	or	
	(140–170 incl) HAAYS HUO V252 CFB	1100–0300
Toronto (CYYZ)	(90–170 incl) COATE V126 LHY ULW V36	1100–0300
Washington Dulles (IAD)	(140–170 incl, jets) PARKE V457 LRP V143	
	MULRR AML	1100–0300
	or	
	(140–170 incl, props) ELIOT V39 LRP V143	
	MULRR AML	1100–0300
	or	
	(90–130 incl, props) LANNA V30 ETX V39 LRP	
	V143 MULRR AML	1100–0300
Washington Natl (DCA)	(90–170 incl, props) BIGGY V3 MXE V378 BAL ..	1100–0300
Wilkes-Barre/Scranton (AVP)	(90–170 incl) COATE V188 LVZ	1100–0300
NORFOLK METRO AREA		
Baltimore (BWI)	HPW V213 PXT V93 GRACO	1100–0300
Kennedy (JFK)	(90–170 incl, 250 kts or less) SCHOL SBY200	
	V139 SIE V44 PANZE V184 ZIGGI	1100–0300
	or	
	(90–170 incl, more than 250 kts) SCHOL	
	SBY200 V139 SIE CAMRN-STAR	1100–0300
La Guardia (LGA)	(90–170, non-jet) SCHOL SBY200 SBY V29 DQO	
	V479 RUUTH V123 RENUE	1100–0300
	or	
	(90–170 incl, more than 250 kts, non-jet) SCHOL	
	SBY200 SBY V29 V445 Nanci	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) HPW V213 PXT	
	DYLIN-STAR	1100–0300
	or	
	(non-jets, 180 kts or greater) HPW V213 PXT	
	PXT023 GATBY V445 DQO V479 RUUTH V123	
	RBV RBV005 OWBIE	1100–0300
	or	
	(50–90 incl, non-jet, less than 180 kts) SCHOL	
	SBY V29 MXE ARD V214 METRO	1100–0300
Philadelphia (PHL)	(70–170 incl) SCHOL SBY200 V139 SWL	
	SWLO34 RADDS VCN-STAR	1100–0300
Teterboro (TEB)	(advanced navigation, turbojets only) HPW V213	
	PXT JAIKE-STAR	1100–0300
	or	
	(turboprop) HPW V213 PXT PXT023 GATBY V445	
	DQO DQO029 V3 SBJ TEB	1100–0400
	or	
	(piston) SCHOL SBY V29 MXE V3 SBJ TEB	1100–0400
Washington Dulles (IAD)	(Jet only) HPW RIC COATT-STAR	1100–0300
	or	
	(Non-Jet) HPW RIC RIC345 COATT V155 BRV	
	BRV007 BARIN	1100–0300
Washington Natl (DCA)	HPW RIC IRONS-STAR	1100–0300
PHILADELPHIA METRO AREA		
Binghamton (BGM)	(90–170 incl) PTW PTW320 V499 CFB	1100–0300
Boston (BOS)	(90–170 incl) DITCH V312 DRIFT V308 ORW V16	
	WOONS	1100–0300
Buffalo (BUF)	(90–170 incl) PTW PTW320 V499 V164 FQM V31	
	ULW ULW306 V164	1100–0300
Cleveland (CLE)	(60–170 incl) MXE V474 IHD V119 GALLS V214	
	AIR V8 BSV KEATN-STAR	1100–0300
Detroit Metro-Wayne Co (DTW)	(60–170 incl) PTW PTW320 V276 RAV V170 ERI	
	SPICA-STAR	1100–0300
Detroit Satellites:		
Coleman A Young (DET), Windsor		
(CYQG), Pontiac (PTK), Willow Run		
(YIP), Ann Arbor (ARB)		
	PTW PTW320 V276 RAV V170 ERI	

Terminals	Route	Effective Times (UTC)
Elmira (ELM)	(90–170 incl) PTW PTW320 V499 V164 FQM V31 ULW	1100–0300
Kennedy (JFK)	(110–170, turbojets only) DITCH V312 V44 CAMRN	1100–0300
Norfolk (ORF)	(80–170 incl) OOD SBY V1 CCV	1100–0300
Richmond (RIC)	(80–170 incl) OOD OOD198 V229 PXT V16	1100–0300
Syracuse (SYR)	(90–170 incl) PTW PTW320 V499 CFB V29	1100–0300
Toronto (CYYZ)	(90–170 incl) PTW PTW320 V499 V164 FQM V31 ULW V36	1100–0300
Washington Dulles (IAD)	(90–170 incl, turbojets only) MXE V474 V143 MULRR AML	1100–0300
Washington Natl (DCA)	(Turbojets only) MXE V378 BAL	1100–0300
White Plains (HPN)	(90–170 incl, props) DITCH V312 DRIFT V139 RICED RICED-STAR	1100–0300
Windsor Locks (BDL)	(90–170 incl) DITCH V312 DRIFT V139 MAD193 MAD MAD341 BRISS	
PITTSBURGH METRO AREA (PIT)		
Baltimore (BWI)	(90–170 incl) MGW V44 MRB V3 EMI	1100–0300
Boston (BOS)	(60–170) TON V35 ULW V72 ALB V2 GDM GDM-STAR	1100–0300
Buffalo (BUF)	(60–170 incl) EWC FKL DKK DKK020 WELLA	1100–0300
Chicago Midway (MDW)	(60–170 incl) BSV V8 FDY V422 CGT	1100–0300
Chicago O'Hare (ORD)	BSV V8 FDY V422 OXI V340 BEARZ	1100–0300
Cleveland (CLE)	(60–170 incl) BSV KEATN-STAR	1100–0300
Columbus (CMH/TZR)	(60–170 incl) TVT V43 APE	1100–0300
Detroit Metro-Wayne Co (DTW)	(60–170 incl) BSV DJB DJB314 GEMNI GEMNI-STAR	
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP)	(60–170 incl) EWC V37 ERI V221 V2	1100–0300
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	(60–170 incl) BSV V40 DJB LLEEO-STAR	1100–0300
Harrisburg (MDT)	(60–170 incl) REC V210 HAR	1100–0300
Indianapolis (IND)	(60–170 incl) TVT V210 MIE CLANG-STAR	1100–0300
Kennedy (JFK)	(90–170 incl) TON PSB V6 SBJ V232 COL	1100–0300
La Guardia (LGA)	TON PSB V6 LIZZI	
Newark (EWR)	(70–170 incl, 250 kts or less) TON V35 PSB V58 FQM PENNS-STAR	1100–0300
Philadelphia (PHL)	(60–170 incl) REC V210 BUNTS	1100–0300
Washington Natl (DCA)	(90–170 incl) MGW V144 ESL V4 AML	1100–0300
White Plains (HPN)	(60–170 incl, props) TON PSB V58 IGN NOBBI-STAR	1100–0300
PROVIDENCE (PVD)		
La Guardia (LGA)	(110–170 incl, more than 250 kts) PUT BDL BDL255 VALRE V157 HAARP	1100–0300
	or	
	(110–170 incl, less than 250 kts) V146 BAF V106 PWL V405 CASSH V123 HAARP	1100–0300
Newark (EWR)	(110–170 incl, turbojets) PUT BDL SHAFF-STAR	1100–0300
	or	
	(110–170 incl, non-turbojet) PUT V146 BAF V292 V489 COATE	1100–0300
ROCHESTER (ROC)		
Baltimore (BWI)	(90–170 incl) V147 ULW V31 HAR V265 EMI	1100–0300
Boston (BOS)	(60–170 incl) FAULT V31 BEEPS V14 GDM GDM-STAR	1100–0300
Detroit Metro Wayne Co (DTW)	(60–170 incl) V31 AIRCO BUF V2 YQO SPICA-STAR	1100–0300
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	(60–170 incl) V31 AIRCO BUF V2 YQO	1100–0300
Kennedy (JFK)	(90–170 incl, props) V34 BEEPS RKA V433 PWL V44 DPK	1100–0300

Terminals	Route	Effective Times (UTC)
Philadelphia (PHL)	(70–170 incl) V147 ULW V31 FQM MIP RAV V170 V210 BUNTS	
Washington Natl (DCA)	(90–170 incl, jet only) V147 ULW V35 PSB PSB149 SHILO V93 BAL	1100–0300
	or	
	(90–170 incl, non-jet) V147 ULW V31 HAR V265 KRANT	1100–0300
SYRACUSE (SYR)		
Boston (BOS)	(60–170 incl) V14 GDM GDM-STAR	1100–0300
Kennedy (JFK)	(70–170 incl, non-jet) V433 LOVES V44 DPK	1100–0300
Newark (EWR)	(110–170 incl, turbojets) V273 HNK SHAFF-STAR	1100–0300
	or	
	(70–170 incl, all other types) V273 HNK V167 WEARD V489 COATE	1100–0300
WASHINGTON/BALTIMORE METRO AREA		
From BALTIMORE (BWI) only		
Albany (ALB)	V93 LRP V499 CFB V270 DNY V449	1100–0400
Binghamton (BGM)	V93 LRP V499 CFB	1100–0300
Boston (BOS)	(90–170 incl props) PALEO-DP SIE V308 ORW V16 WOONS	1100–0300
Bridgeport (BDR)	(90–170 incl) PALEO-DP SIE V139 RICED MAD193 KEYED	1100–0300
Buffalo (BUF)	V93 SHILO PSB149 KOLBY V265 HAR V31 FQM V164	1100–0300
Charlottesville (CHO)	(below 110) V44 MRB V143 CEROL	1100–0300
	or	
	(110–170) FLUKY GVE	1100–0300
Cleveland (CLE)	MRB V501 THS V469 JST V297 TALLS V10 YNG CXR	1100–0300
Detroit Metro–Wayne Co (DTW)	(turbojets only) MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI -STAR	
	or	
	(props only) MRB V501 THS V469 JST EWC YNG V6 DJB SKY SKY292 YQG197 LYNTN	
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP)	MRB V501 THS V469 JST EWC ERI	
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	MRB V501 THS V469 JST EWC YNG V6 V297 LLEEO LLEEO-STAR	
Greensboro (GSO)	(70–170 incl, non-jet) V44 MRB V143 LYH V222 HENBY	0000–2359
Hartford (HFD)	(90–170 incl) PALEO-DP V308 GON V58	1100–0300
Islip (ISP)	(90–170 incl) PALEO-DP SIE V139 SARDI CCC	1100–0300
Kennedy (JFK)	(90–170 incl, 250 kts or greater) PALEO-DP ACY V229 PANZE V44 CAMRN	1100–0300
	or	
	(90–170 incl, less than 250 kts) PALEO-DP ACY V184 ZIGGI	1100–0300
Knoxville (TYS)	V44 MRB V143 MOL ROA V16	1100–0300
La Guardia (LGA)	(Turbojets only) PALEO-DP V44 AGARD KORRY-STAR	1100–0400
	or	
	(Non-turbojets) SWANN-DP DQO V479 RUUTH V123 RENUE	1100–0300
Nantucket (ACK)	(90–170 incl) POLLA V312 PALEO V44 SIE V139 HTO V46	1100–0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR V475 V188 GON V374 MVY	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) SWANN-DP V445 DQO DYLIN-STAR	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(110–170 incl, non-turbojet, greater than 180 kts) SWANN-DP V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100–0300
Newburgh (SWF)	V93 LHY V408 FILPS V483	1100–0300
New Haven (HVN)	(90–170 incl) PALEO-DP SIE V139 RICED MAD193 KEYED	1100–0300
Norfolk (ORF)	(70–170 incl, non jet) V93 PXT V16 COLIN V33 V286 STEIN	1100–0300
	or (70–170 jets) DAILY V33 V286 STEIN	1100–0300
Philadelphia (PHL)	(70–170 incl) SWANN-DP DQO	1100–0300
Pittsburgh (PIT)	(90–170 incl) MRB IHD NESTO–STAR	1100–0300
Poughkeepsie (POU)	V93 IGN	1100–0300
Rochester (ROC)	V93 SHILO PSB149 KOLBY V265 HAR V31 GIBBE	1100–0300
Syracuse (SYR)	(non-jet) V93 SHILO PSB149 KOLBY V265 HAR V31 FQM V423 CFB V29	1100–0300
Teterboro (TEB)	(Jets, Advanced Nav Only) SWANN JAIKE–STAR ... or (non-jets, 180 kts or greater) SWANN V445 DQO DQO029 V3 SBJ TEB	1100–0300
White Plains (HPN)	(110–170 incl) PALEO-DP SIE V139 RICED-STAR . or (70) V93 LRP ETX FJC BWZ SAX V39 BREZY	1100–0300
From WASHINGTON DULLES INTL (IAD)		
only		
Bridgeport (BDR)	(90–170 incl) WOOLY V214 BAL V44 SIE V139 RICED MAD193 KEYED	1100–0300
Buffalo (BUF)	(70–170 incl, non-jet) MRB HGR V501 THS TON ELZ V164	0000–2359
Detroit Metro–Wayne Co (DTW)	(Turbojets only) MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI -STAR	
	or (Non-turbojet) MRB V501 THS V469 JST EWC YNG V6 DJB SKY SKY292 YQG197 LYNTN	
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP)	MRB V501 THS V469 JST EWC ERI	
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	MRB V501 THS V469 JST EWC YNG V6 V297 LLEO LLEO–STAR	
Greensboro (GSO)	(70–170 incl, non-jet) CSN V140 MOL V143 LYH V222 HENBY	0000–2359
Islip (ISP)	(90–170 incl) WOOLY V214 BAL V44 SIE V139 SARDI CCC	1100–0300
Kennedy (JFK)	(90–170 incl, 250 Kts or greater) PALEO V44 DONIL V229 PANZE V44 CAMRN	1100–0300
	or (90–170 incl, less than 250 Kts) WOOLY V44 DONIL V229 ACY V184 ZIGGI	1100–0300
La Guardia (LGA)	(110–170 incl, turbojets only) PALEO V44 AGARD KORRY–STAR	1100–0300
	or (90–170 incl, non turbojets) WOOLY V214 DQO V479 V123 RENUE	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) AML SWANN V445 DQO DYLIN–STAR	1100–0300
	or (110–170 incl, non-turbojet, more than 180 kts) WOOLY V214 SWANN RUUTH–STAR	1100–0300
Newburgh (SWF)	MRB V501 HGR V377 AML009 SEG230 SEG V106 LHY V408 V483 FILPS	1100–0300
New Haven (HVN)	(90–170 incl) WOOLY V214 BAL V44 SIE V139 RICED MAD193 KEYED	1100–0300
Philadelphia (PHL)	(70–170 incl) WOOLY V214 DQO	1100–0300
Pittsburgh (PIT)	(60–170) MRB V214 GRV IHD NESTO–STAR	1100–0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
Raleigh-Durham (RDU)	FLUKY GVE SBV-STAR	1100-0300
Rochester (ROC)	MRB V501 HGR V377 AML009 SEG230 SEG V31 GIBBE	1100-0300
Syracuse (SYR)	(non-jet) MRB V501 HGR V377 AML009 SEG230 SEG V31 FQM V423 CFB V29	1100-0300
	or	
	(jet) MRB V501 HGR V377 AML009 SEG230 SEG V31 FQM V423 CFB	1100-0300
Teterboro (TEB)	(Jets, Advanced Nav Only) SWANN FUBRR JAIKE (RNAV)-STAR	1100-0300
	or	
	(non-jet, 180 kts or greater) SWANN V445 DQO DQ0029 V3 SBJ TEB	1100-0300
White Plains (HPN)	(90-170 incl) WOOLY V44 SIE V139 RICED- RICED-STAR	1100-0300
	or	
	(70) MRB V501 HGR V377 HAR V162 ETX FJC BWZ SAX V39 BREZY	1100-0300
From WASHINGTON NATIONAL (DCA) only		
Albany (ALB)	KRANT V265 EMI V457 LRP V499 CFB V270 DNY V449	1100-0300
Allentown (ABE)	KRANT V265 EMI V457 LRP V39 ETX FJC	1100-0300
Altoona (AOO)	KRANT V265 V214 MRB JST AOO	1100-0300
Atlantic City (ACY)	(90-170) PALEO V44 SIE	
	or	
Barnes (Westfield) (BAF)	(70) POLLA V312 GOLDA V268 LEEAH	1100-0300
	(90-170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 MAD MAD341 BRISS	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 BDR BDR014 JUDDS BAF	
Bedford (BED)	POLLA V312 PALEO V44 SIE V308 ORW GRAYM-STAR	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 HFD HFD053 DREEM	1100-0300
Binghamton (BGM)	KRANT V265 EMI V457 LRP V499 CFB	1100-0300
Boston (BOS)	(90-170 incl) POLLA V312 PALEO V44 SIE V308 ORW V16 WOONS	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 HFD V3 WOONS	1100-0300
Bridgeport (BDR)	KRANT V265 EMI V457 LRP V93 LHY V106 PWL V44 DENNA	1100-0300
	or	
	(90-170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 KEYED	1100-0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 BDR	1100-0300
Buffalo (BUF)	EMI V265 HAR V31 FQM V164	1100-0300
Burlington (BTV)	KRANT V265 EMI V457 LRP V93 LHY V449 ALB ..	1100-0300
Butler (BTP)	KRANT V265 EMI V268 NESTO	1100-0300
Charleston (CRW)	LDN LDN275 V286 EKN V4 HVQ	1100-0300
Clarksburg (CKB)	LDN LDN275 V286 EKN CKB	1100-0300
Cleveland (CLE)	KRANT V265 V214 MRB V501 THS V469 JST V297 TALLS V10 YNG CXR	1100-0300
Concord (CON)	(90-170) POLLA V312 PALEO V44 SIE V139 HTO V308 ORW V14 GDM V39	1100-0300
Detroit Metro-Wayne Co (DTW)	(Turbojet only) KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI-STAR	
	or	
	(Non-turbojet only) KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 DJB SKY SKY292 YQG197 LYNTN	1100-0200

Terminals	Route	Effective Times (UTC)
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP)	KRANT V265 V214 MRB V501 THS V469 JST EWC ERI	
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 V297 LLEE0 LLEE0-STAR	
Dover (AFB (DOV)	(70) PALEO V312 GOLDA V268 ENO DOV	1100-0300
Erie (ERI)	KRANT V265 V214 MRB JST CIP V276	
Farmingdale (FRG)	(90-170) PALEO V44 DONIL V229 PANZE V44 CAMRN	
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK	1100-0300
	or	
	(90-170, less than 250 kts) PALEO V44 DONIL V229 ACY V184 ZIGGI FRG	
Greensboro (GSO)	(70-170 incl, non-jet) CSN V140 MOL V143 LYH V222 HENBY	0000-2359
Groton (GON)	(90-170) POLLA V312 PALEO V44 SIE V139 HTO HTO034 MONDI	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD MAD126 MONDI	
Hagerstown (HGR)	V265 EMI EMI325 HGR089	1100-0300
Harrisburg (MDT/CXY)	KRANT V265 EMI V265	1100-0300
Hartford (HFD)	(90-170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 MAD V1	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK	
Islip (ISP)	(90-170) POLLA V312 PALEO V44 SIE V139 SARDI CCC	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK	1100-0300
Kennedy (JFK)	(90-170 incl, 250 kts or greater) POLLA V312 PALEO V44 DONIL V229 PANZE V44 CAMRN	1100-0300
	or	
	(90-170 incl, less than 250 kts) POLLA V312 PALEO V44 DONIL V229 V184 ZIGGI	1100-0300
La Guardia (LGA)	PALEO V44 AGARD KORRY-STAR	1100-0300
Martha's Vineyard (MVY)	(90-170) POLLA V312 PALEO V44 SIE V139 HTO V46 FLAPE	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V374	1100-0300
Morgantown (MGW)	LDN V144	1100-0300
Nantucket (ACK)	(90-170) POLLA V312 PALEO V44 SIE V139 HTO V46	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR V475 MAD V475 V188 GON V374 MVY	1100-0300
Newark (EWR)	(advanced navigation, turbojets only) SWANN V445 DQO DYLIN-STAR	1100-0300
	or	
	(piston) SWANN V445 DQO V29 MXE ARD V214 METRO	1100-0300
	or	
	(turboprops) SWANN V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100-0300
Newburgh (SWF)	KRANT V265 EMI V457 LRP V93 LHY V408 V483 FILPS	1100-0300
New Haven (HVN)	(90-170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 KEYED	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR	1100-0300
Norfolk (ORF)	DAILY V33 V286 STEIN	1100-0300

Terminals	Route	Effective Times (UTC)
Philadelphia (PHL)	(110 , jets) MITCH V445 DQO	1100-0300
	or	
	(Props to PHL and Satellites) PALEO V170 DQO ..	1100-0300
Pittsburgh (PIT)	KRANT V265 V214 MRB V214 GRV IHD	1100-0300
	NESTO-STAR	1100-0300
Portland (PWM)	(90-170) POLLA V312 PALEO V44 SIE V139 HTO	1100-0300
	ORW GDM CON CON061 NEETS	1100-0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK	1100-0300
	V229 BDR MAD V1 HFD V229 GDM V106 ENE	1100-0300
Poughkeepsie (POU)	KRANT V265 EMI V457 LRP V93 LHY V408 V483	1100-0300
	FILPS	1100-0300
Providence (PVD)	(90-170) POLLA V312 PALEO V44 SIE V139 HTO	1100-0300
	HTO070 PVD195.....	1100-0300
	or	
	(90-170 advanced RNAV only) POLLA V312	
	PALEO V44 SIE V139 HTO JORDAN	
	(RNAV)-STAR.....	1100-0300
Rochester (ROC)	KRANT V265 EMI V265 HAR V31 GIBBE	1100-0300
Rome (RME).....	KRANT V265 EMI V457 LRP V499 CFB UCA	1100-0300
Syracuse (SYR)	KRANT V265 HAR V31 FQM V423 CFB V29.....	1100-0300
Teterboro (TEB)	(advanced navigation, turbojets only) SWANN	
	JAIKE-STAR	1100-0400
	or	
	(turboprop) SWANN V445 DQO DQO029 V3 SBJ ..	1100-0400
White Plains (HPN)	(70) KRANT V265 EMI LRP ETX FJC BWZ SAX V39	
	BREZY	
	or	
	(90-170) PALEO V44 SIE V139 RICED	
	RICED-STAR	1100-0300
	or	
	(70, less than 180 kts) POLLA V170 ODESA MXE	
	ARD V214 METRO V249 SAX V39 BREZY	1100-0300
Wilkes Barre/Scranton (AVP)	KRANT V265 EMI V457 LRP V93 LVZ	1100-0300
Windsor Locks (BDL)	(210 kts or less) KRANT V265 EMI V457 V93 LHY	
	V106 PWL V34 MOONI V58 JUDDS	1100-0300
	or	
	(90-170) POLLA V312 PALEO V44 SIE V139 HTO	
	V308 ORW V130.....	
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK	
	V229 BDR BDR014 JUDDS V419 BRISS BDL ...	1100-0300
WINDSOR LOCKS (BDL)		
Islip (ISP)	(110-170 incl) HFD V58 GON V308 BOROS CCC .	1000-0300
NE Philadelphia (PNE).....	(110-170, non-turbojet) HFD V58 THUMB HTO	
	V139 BRIGS CEDAR LAKE-STAR	1100-0300
	or	
	(110-170, water) BOS LUCOS SEY067 SEY HTO	
	V139 MANTA V276 ARD.....	1100-0300
	or	
	(90-170, non-turbojet) V292 SAGES V408 LHY	
	LVZ V613 FJC V149 MAZIE ARD	1100-0300
	or	
	(90-170, jets) V292 SAGES V408 LHY LVZ V29	
	ETX V30 V149 MAZIE ARD.....	1100-0300
Newark (EWR)	(70-170 incl, 250 kts or less) SASHA V292 V489	
	COATE	1100-0300
	or	
	(110-170 incl, more than 250 kts) SASHA V292	
	V312 SAX	1100-0300
Philadelphia (PHL)	(110-170 incl, non-turbojet) HFD V58 THUMB	
	HTO V139 BRIGS ACY V184 OOD	1100-0300
	or	

Terminals	Route	Effective Times (UTC)
Trenton (TTN)	(60–170 incl, props less than 210 kts) SASHA V292 SAGES V408 LHY LVZ V29 SLATT V6 FJC V149 MAZIE	1100–0300
	or	
	(60–170 incl, props 210 kts plus) SASHA V292 SAGES V408 LHY LVZ V29 SLATT V6 FJC V149 MAZIE	1100–0300
	or	
	(60–170 incl, turbojets) SASHA V292 SAGES V408 LHY LVZ V147 MAZIE	1100–0300
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(90–170, non-turbojet) V292 SAGES V408 LHY LVS V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(90–170, jets) V292 SAGES V408 LHY LVS V29 ETX V30 V149 MAZIE ARD	1100–0300
Wilmington (ILG)	(110–170, non-turbojet) HFD V58 THUMB HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non-turbojet) HFD V58 THUMB HTO V139 BRIGS CEDAR LAKE-STAR	1100–0300

SPECIAL LOW ALTITUDE DIRECTIONAL ROUTES

	Route	Effective Times (UTC)
Low Altitude IFR bi-directional routes for traffic overflying New York Metro Area:		
East of New York Metro Area—V139		1100–0300
West of New York Metro Area—V93		1100–0300
Low Altitude IFR bi-directional routes for traffic overflying Washington Metro Area:		
.....	HAR V377 MOL	1100–0300
.....	HAR V377 V38 GVE	1100–0300
.....	LRP V93 PXT	1100–0300
Low Altitude IFR single direction route:		
Southbound	MXE V474 V377 HGR	1100–0300
Low Altitude IFR traffic overflying Washington Metro Area from over ENO landing Charlottesville, VA or Shenandoah, VA:		
.....	ENO V213 GVE098 GVE thence direct CHO or SHD	1200–0200

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY (ALB)		
Chicago O'Hare (ORD)	SYR J63 EHMANN YXU J547 FNT PAITN-STAR	1100–0300
Cincinnati (CVG)	(RNAV only) SYR JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or	
	(all others) SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINC-STAR	
Washington Dulles (IAD)	(Turbojets) J6 LRP DELRO-STAR	1100–0300
	or	
	(Turboprops) DNY LHY V106 SEG SEG-STAR	1100–0300
ALLENTOWN (ABE)		
Cincinnati (CVG)	(RNAV only) ETX SEG PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or	
	(all others) ETX SEG PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINC-STAR	
Detroit Metro-Wayne Co (DTW)	ETX J80 J518 DJB GEMNI-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
ATLANTIC CITY (ACY)		
Detroit Metro-Wayne Co (DTW)	V229 LEEAH V268 ENO V29 DQO PENSY J110 LEJOY J518 DJB GEMNI-STAR	
BALTIMORE (BWI) —See Washington/Baltimore Metro		
BANGOR (BGR)		
Cincinnati (CVG)	(RNAV only) SYR JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR..... or (all others) SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE-STAR	
BINGHAMTON (BGM)		
Cincinnati (CVG)	(RNAV only) CFB FQM PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
BOSTON (BOS)		
Atlanta (ATL)	GLYDE BAF J77 PTW J48 ODF WHINZ-STAR	1100-0300
	or (RNAV only) GLYDE BAF J77 PTW J48 ODF FLCON (RNAV)-STAR.....	1100-0300
Baltimore (BWI)	NELIE CMK J75 MXE V378 BAL	1100-0300
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR..... or (Water-Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR..... or (Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR or (Water-Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Charlotte (CLT)	BOS NELIE CMK J75 GVE LYH SUDSY (RNAV)-STAR.....	1100-0300
Chicago O'Hare (ORD)	MHT CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	1100-0300
Cincinnati (CVG)	(RNAV only) GLYDE CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (all others) GLYDE CTR HNK J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	
Cleveland (CLE)	MHT CAM J547 SYR J29 KELIE BDF CXF	1100-0300
Dallas/Ft. Worth (DFW)	GLYDE BAF J77 SAX J6 LIT BYP	1100-0300
Dayton (DAY)	GLYDE BAF J77 SAX J80 AIR APE DANEI-STAR	1100-0300
Denver (DEN)	MHT CAM SYR J547 BUF J94 ONL J114 SNY LANDR-STAR	1100-0300
Detroit Metro-Wayne Co. (DTW)	MHT CAM J547 BUF BUF267 YQ0094 YQO SPICA-STAR	1100-0300
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	MHT CAM J547 BUF YQO	1100-0300
Fort Lauderdale (FLL).....	(Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water-Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR.....	
	or	
	(Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN GISSH-STAR.....	
	or	
	(Water-Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH-STAR.....	
	or	
	(Water-Turboprops-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ILM AR21 CRANS FISEL (RNAV)-STAR.....	
	or	
	(Turboprops) LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN MLB BLUF-STAR.....	
	or	
	(Water-Turboprops) LUCOS SEY067 SEY HTO J174 ILM AR21 CRANS HIILL FATHR GISSH-STAR.....	
Fort Myers (RSW)	(WATER-Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	1100-0300
Greensboro (GSO)	NELIE CMK J75 GVE LYH V222 HENBY	0000-2359
Houston George Bush Intctl (IAH)	(Turbojets-GPS or DME/DME-IRU equipped) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX TXMEX (RNAV)-STAR	1100-0300
	or	
	(non-advanced NAV only) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX DAS-STAR	1100-0300
Houston Hobby (HOU)	(GPS or DME/DME-IRU equipped) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX ROKIT-STAR.....	1100-0300
	or	
	(non-advanced NAV only) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX DAS-STAR	1100-0300
Indianapolis (IND)	GLYDE BAF J77 SAX J80 EMPTY DQN CLANG-STAR	1100-0300
Islip (ISP)	LUCOS SEY067 SEY V268 HTO V46 CCC	1100-0300
Kennedy (JFK)	LUCOS SEY067 SEY PARC CCC ROBER	1100-0300
Los Angeles (LAX)	MHT CAM SYR J547 BUF J16 BAE DBQ J94 ONL J114 DVV J60 HEC DOWNE-STAR	1100-0300
	or	
	MHT CAM SYR J547 BUF J94 ECK J38 GRB ODI FSD J114 DVV J60 HEC CIVET-STAR	1100-0300
Memphis (MEM)	GLYDE BAF J77 SAX J6 BWG WLDER-STAR	1100-0300
Miami (MIA)	(Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR.....	
	or	
	(Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS.....	
	or	

Terminals	Route	Effective Times (UTC)
	(Turboprops) LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	MHT CAM SYR J547 BUF J94 ECK MKG V2 SUDDS	1100-0300
Minneapolis/St Paul (MSP)	MHT CAM SYR J547 BUF YWT J63 TVC J522 GRB EAU-STAR	1100-0300
Nashville (BNA)	GLYDE BAF J77 SAX J6 YOCKY GUITR-STAR	1100-0300
Newark (EWR)	(More than 250 kts) GLYDE V292 V213 SAX	1100-0300
	or	
New Orleans (MSY)	(250 kts or less) GLYDE V292 V489 COATE	1100-0300
Orlando Exec (ORL)	GLYDE BAF J77 PTW J48 MOL J22 MEI J31	
	LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Water-Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL.....	1100-0300
	or	
	LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
Philadelphia (PHL)	LUCOS SEY067 SEY HTO J121 BRIGS VCN-STAR	1100-0300
Pittsburgh (PIT)	GLYDE CTR HNK HNK271 J190 SLT GRACE-STAR	1100-0300
Raleigh-Durham (RDU)	LUCOS SEY067 SEY HTO J174 SWL ARGAL-STAR	1000-0300
Salt Lake City (SLC)	MHT CAM SYR J547 BUF J16 BAE DBQ J94 OCS LHO-STAR.....	
San Francisco (SFO)	MHT CAM J547 SYR J547 BUF J94 ECK J38 GRB J106 GEP J70 ABR J32 FMG ILA PYE PYE-STAR	1100-0300
St Louis (STL)	GLYDE BAF J77 SAX J80 AIR J110 VHP VLA-STAR	
Tampa (TPA)	NELIE CMK J75 TAY LZARD-STAR	
Washington Dulles (IAD)	GLYDE BAF J77 SAX J6 LRP V143 MULRR AML ...	1100-0300
Washington Natl (DCA)	LUCOS SEY067 SEY HTO J174 ATR085 ATR V308 BILIT	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ATR085 ATR V308 LAFLN BILIT (RNAV)-STAR	1100-0300
West Palm Beach (PBI)	(Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	1100-0300
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR	1100-0300
	or	
	(Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	1100-0300
	or	
	(Water-Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	1100-0300

Terminals	Route	Effective Times (UTC)
BRIDGEPORT (BDR)		
Baltimore (BWI)	BEADS V139 SARDI RBV J230 J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets-GPS or DME/DME IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR ..	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Buffalo (BUF)	NEION J223 CORDS ULW ULW306 V164	
	or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN-STAR	1100-0300
Dallas/Fort Worth (DFW)	BEADS V139 SARDI RBV J230 J6 LIT BYP	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA-STAR	1100-0300
Detroit Satellites:		
Coleman A Young (DET), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD J132 ULW306 KOOPR YQO	
Fort Lauderdale (FLL)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	
	or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR ...	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Miami (MIA, TMB, HST)	(Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR...	
	or	

Terminals	Route	Effective Times (UTC)
Montreal (CYUL)	(Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
Orlando Executive (ORL)	SOARS V419 JUDDS CAM J222 PLB V91 NAPEE BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	1100-0300
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Pittsburgh (PIT)	(Turbojets) COATE J36 J190 SLT GRACE-STAR ... or (Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE-STAR	
Raleigh/Durham (RDU)	BEADS CCC148 J174 SWL ARGAL-STAR	
Richmond (RIC)	BEADS CCC148 J174 SWL V139 CCV HPW	1100-0200
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE . (Turbojets) NEION J223 CORDS CFB V29	
Syracuse (SYR)	BEADS V139 SARDI RBV J230 J75 TAY LZARD-STAR	
Tampa (TPA)	or (GPS or DME/DME-IRU equipped) BEADS V139 SARDI RBV J230 J75 TAY DADES (RNAV)-STAR. BEADS V139 SARDI RBV RBV289 V457 LRP V143 MULRR AML	
Washington Dulles (IAD)	BEADS CCC148 J174 ATR085 ATR V308 BILIT or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)-STAR	
Washington Natl (DCA)	(Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR.. or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
West Palm Beach (PBI)	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI.....	
BUFFALO (BUF)		
Cincinnati (CVG)	(RNAV only) BUF JHW MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (all others) BUF JHW JHW194 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	

Terminals	Route	Effective Times (UTC)
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	YXU PICES-STAR	
Kennedy (JFK)	V33 J70 LVZ LENDY-STAR	
La Guardia (LGA)	(Above 250 kts) V14 GEE RKA-STAR	1110-0300
	or	
	(250 kts or less) V14 BEEPS J522 EXTOL RKA292 RKA NOBBI-STAR	
Newark (EWR)	(Above 250 kts) V14 BEEPS J522 HNK SHAFF-STAR	
	or	
	(250 kts or less) V14 BEEPS J522 HNK V167 WEARD V489 COATE	
Philadelphia (PHL)	V33 BFD PSB HAR V210 BUNTS	
BURLINGTON (BTW)		
Chicago O'Hare (ORD)	ART YSO J546 ECK TVC PAITN-STAR	1100-0300
Cincinnati (CVG)	(RNAV only) SYR J29 JOSSY MAULL KODIE CTW TIGRR-STAR	
	or	
	(all others) SYR J29 KELIE SLT SLT249 KODIE CTW081 CTW CINCE-STAR	
La Guardia (LGA)	ALB PWL IGN V157	1100-0300
Newark (EWR)	ALB V213 SAX	1100-0300
Philadelphia (PHL)	(Turbojets only) ALB DNY SLATT-STAR	
Pittsburgh (PIT)	ALB J49 HNK HNK271 J190 SLT GRACE-STAR ...	1100-0300
Washington Dulles (IAD)	(Turbojets) ALB J6 LRP DELRO-STAR	1100-0300
	or	
	(Turboprops) ALB LHY V106 SEG SEG-STAR	1100-0300
CHARLESTON (CRW)		
Cleveland (CLE)	TVT KEATN-STAR	
Houston George Bush Intcntl (IAH)	(Turbojets-GPS or DME/DME-IRU equipped) LIT J180 SWB TXMEX (RNAV)-STAR	
	or	
	(non-advanced NAV only) LIT J180 SWB DAS-STAR	
Houston Hobby (HOU)	(GPS or DME/DME-IRU equipped) LIT J180 SWB ROKIT (RNAV)-STAR	
	or	
	(non-advanced NAV only) LIT J180 SWB DAS-STAR	
CHARLOTTESVILLE (CHO)		
Cincinnati (CVG)	HNN090/50 GAVNN	
	or	
	(RNAV only-at or below FL220) HNN GAVNN (RNAV)-STAR	
	or	
	(all others-at or above FL240) HNN090/50 HNN JAVIT-STAR	
	or	
	(all others-at or below FL220) HNN JAVIT-STAR...	
HARRISBURG (MDT)		
Chicago (ORD)	HAR V33 MCMAN J64 MAINE ZANLA WATSN (RNAV)-STAR	
Cincinnati (CVG)	MRB J6 COLNS JAVIT-STAR	
ITHACA (ITH)		
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	YXU PICES-STAR	
LONG ISLAND (Mac Arthur) (ISP)		
Baltimore (BWI)	BEADS EMJAY J174 ZIZZI ATROB5 ATR V308 BILIT	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	

Terminals	Route	Effective Times (UTC)
Boca Raton (BCT).....	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR..... or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR..... or (Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL..... or (Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR ..	
Boston (BOS)	MERIT ORW ORW–STAR	
Buffalo (BUF).....	(Turbojets) NEION J223 CORDS ULW ULW306 V164	
	or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR.....	1100–0300
Cincinnati (CVG).....	(RNAV only) BEADS V139 SARDI RBV J230 SAAME J6 COLNS GAVNN (RNAV)–STAR	
	or (all others) BEADS V139 SARDI RBV J230 SAAME J6 COLNS JAVIT–STAR	
Dallas/Ft Worth (DFW)	BEADS V139 SARDI RBV J230 J6 LIT BYP	
Detroit Metro Wayne Co (DTW).....	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Fort Lauderdale (FLL).....	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH–STAR..... or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUF–STAR..... or (Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or (Water–Turboprops) BEADS CCC148 J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or (Water–Turboprops–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
	or (Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or (Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR...	
Fort Myers (RSW)	(WATER–Turbojets) BEADS CCC J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR...	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Miami Metro Area:		
Miami (MIA, TMB, HST)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	

Terminals	Route	Effective Times (UTC)
MANCHESTER (MHT)		
Atlanta (ATL)	(Advanced RNAV only) BAF J77 SAX J77 PTW J48 ODF	1100-0300
	or	
	(Advanced RNAV only) COTEE (RNAV)-DP BAF J77 SAX J77 PTW J48 ODF FLCON (RNAV)-STAR	1100-0300
	or	
	(All others) PSM PSM216/37 COTEE BAF J77 SAX J77 PTW J48 ODF WHINZ-STAR	1100-0300
Baltimore (BWI)	(Advanced RNAV only) COTEE (RNAV)-DP BDL CMK J75 MXE V378 BAL	1100-0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 MXE V378 BAL	1100-0300
Chicago O'Hare (ORD)	CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	
Cincinnati (CVG).....	(RNAV only) CAM J547 SYR JOSSY MAULL KODIE CTW TIGRR-STAR.....	
	or	
	(all others) CAM J547 SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE-STAR	
Detroit Satellites:		
Coleman A Young (DET), Pontiac (PTK), Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP).....	SYR J547 YXU PICES-STAR	
Orlando (MCO).....	(Advanced RNAV only) COTEE (RNAV)-DP BDL CMK J75 CAE J75 DUNKN AMG LEESE-STAR....	1100-0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 CAE J75 DUNKN AMG LEESE-STAR	1100-0300
Tampa (TPA).....	(Advanced RNAV only) COTEE (RNAV)-DP BDL CMK J75 TAY DADES (RNAV)-STAR	1100-0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 TAY DADES (RNAV)-STAR	1100-0300
Wash Dulles (IAD)	(Advanced RNAV only) COTEE (RNAV)-DP BAF J77 SAX J6 LRP DELRO-STAR	1100-0300
	or	
	(All others) PSM PSM216/37 COTEE BAF J77 SAX J6 LRP DELRO-STAR	1100-0300
Wash Natl (DCA)	(Advanced RNAV only) COTEE (RNAV)-DP BDL CMK J75 MXE V378 BAL	1100-0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 MXE V378 BAL	1100-0300
MONTREAL (CYUL)		
Cincinnati (CVG).....	(RNAV only) YOW J546 YSO MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or	
	(all others) YOW J546 YSO YYZ JHW JHW194 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	
Detroit Metro-Wayne Co (DTW)	YOW J546	
Kennedy (JFK).....	V282 J524 BUGSY J570 ALB IGN IGN-STAR	
La Guardia (LGA).....	V282 J524 BUGSY J570 ALB PWL IGN V157	
MORRISTOWN (MMU)		
Marco Isle (MKY)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR	
NEWBURGH (SWF)		
Cincinnati (CVG).....	(RNAV only) WEARD LHY J36 DGRAF J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	

Terminals	Route	Effective Times (UTC)
	or (RNAV only) WEARD LHY J36 DGRAF J49 PSB MMJ CTW TIGRR (RNAV)-STAR	
	or (all others) WEARD LHY J36 DGRAF J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	
NEW HAVEN (HVN)		
Baltimore (BWI)	BEADS V139 SARDI RBV J230 J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR ..	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164	
	or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN-STAR	1100-0300
Dallas/Ft Worth (DFW)	BEADS V139 SARDI RBV J230 J6 LIT BYP	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA-STAR	1100-0300
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	1100-0300
Fort Lauderdale (FLL)	(Water-Turboprops) BEADS CCC148 J174 ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH-STAR	
	or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR ...	
	or (Water-Turboprops-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ILM AR21 CRANS FISEL (RNAV)-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Miami (MIA)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR	

Terminals	Route	Effective Times (UTC)
	or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY-STAR	
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR...	
Montreal (CYUL).....	SOARS V419 JUDDS CAM J222 PLB PLB-STAR ...	
Orlando Executive (ORL).....	(Turbojets) BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or (Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO).....	(Turbojets) BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Pittsburgh (PIT).....	(Turbojets) COATE J36 J190 SLT GRACE-STAR ... or (Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE-STAR	
Raleigh/Durham (RDU)	BEADS CCC148 J174 SWL ARGAL-STAR	
Richmond (RIC).....	BEADS CCC148 J174 SWL V139 CCV HPW	
Rochester (ROC)	GAYEL J95 CFB V252 GIBBE	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA).....	BEADS V139 SARDI RBV J230 J75 TAY LZARD-STAR	
	or (GPS or DME/DME-IRU equipped) BEADS V139 SARDI RBV J230 J75 TAY DADES (RNAV)-STAR.	
Washington Dulles (IAD).....	BEADS V139 SARDI RBV RBV289 V457 LRP V143 MULRR AML	
Washington Natl (DCA).....	BEADS CCC148 J174 ATR085 ATR V308 BILIT ... or (GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)-STAR.....	
West Palm Beach (PBI)	(Water-Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI.....	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR..	
	or (Turbojets-GPS or DME/DME-IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	

Terminals	Route or	Effective Times (UTC)
	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR.....	
NEW YORK METRO AREA		
From KENNEDY (JFK) only		
Atlanta (ATL)	RBV J230 J48 ODF WHINZ-STAR	
	or	
	(RNAV only) RBV J230 J48 ODF FLCON RNAV-STAR	
	or	
Augusta (AGS)	RBV J230 J48 ODF WHINZ-STAR	1100-0300
Baltimore (BWI)	RBV J230 J75 GVE J37 SPA	
Binghamton (BGM)	RBV RBV274 MXE056 MXE V378 BAL	
Boca Raton (BCT).....	(Turbojets) NEION J223 CORDS CFB	
	(Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or	
	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR ..	
Buffalo (BUF).....	(Turbojets) NEION J223 CORDS ULW ULW306 V164	
	or	
	(Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Burlington (BTV).....	GREKI V419 JUDDS CAM	
Charleston (CHS)	WAVEY EMJAY J174 SWL J121	
Charlotte (CLT)	RBV J230 J75 GVE LYH MAJIC-STAR	
Charlottesville (CHO)	RBV J230 J75 GVE	
Chicago Midway (MDW)	RBV J64 FWA GSH-STAR	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN-STAR	0000-2359
Cincinnati (CVG).....	(RNAV only) RBV J230 SAAME J6 COLNS GAVNN (RNAV)-STAR	
	or	
	(all others) RBV J230 SAAME J6 COLNS JAVIT-STAR	
Cleveland (CLE)	RBV J64 PSB115 PSB PSB292 YNG CXR.....	
Columbia (CAE).....	RBV J230 J75	
Columbus (CMH).....	RBV J230 AIR AIR260 BREMN	
Dallas/Ft. Worth (DFW)	RBV J230 J6 LIT BYP	
Dayton (DAY)	RBV J230 AIR APE DANEI-STAR	
Denver (DEN).....	RBV J230 AIR APE J178 FWA JOT J60 IOW J10 LBF SAYGE-STAR	
Detroit Metro-Wayne Co (DTW).....	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA-STAR	
Detroit Satellites:		
(DET), Windsor	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
(CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	
Fayetteville (FAY)	RBV J230 J75 GVE SBV RDU	
Ft Lauderdale (FLL, FXE, OPF)	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR... or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN GISSH–STAR..... or (Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Turboprops) WAVEY EMJAY J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR or (Water–Turboprops) WAVEY EMJAY J174 ILM AR21 CRANS HILL FATHR GISSH–STAR or (Water–Turboprops–GPS OR DME/DME–IRU equipped) WAVEY EMJAY J174 ILM AR21 CRANS FISEL (RNAV)–STAR Fort Myers (FMY, RSW) (GPS or DME/DME–IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)–STAR or (WATER–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR..... Greensboro (GSO) RBV J230 J75 GVE LYH V222 HENBY 0000–2359 Houston George Bush Intcntl (IAH) (non–advanced NAV only) RBV J230 J48 MOL J22 VUZ AEX DAS–STAR..... or (Turbojets–GPS or DME/DME–IRU equipped) RBV J230 J48 MOL J22 VUZ AEX TXMEX (RNAV)–STAR..... Houston Hobby (HOU)..... (non–advanced NAV only) RBV J230 J48 MOL J22 VUZ AEX DAS–STAR..... or (GPS or DME/DME–IRU equipped) RBV J230 J48 MOL J22 VUZ AEX ROKIT–STAR Indianapolis (IND) RBV J230 AIR J80 EMPTY DQN CLANG–STAR Ithaca (ITH) (Turbojets) NEION J223 CORDS CFB V423 Jacksonville (JAX)..... WAVEY EMJAY J174 CHS BRUNSWICK–STAR Kansas City (MKC) RBV J230 AIR J80 SPI BRAYMER–STAR..... Knoxville (TYS)..... RBV J230 J48 MOL J22 Los Angeles (LAX) RBV J230 AIR J80 MCI J24 SLN J102 ALS J44 RSK Louisville (SDF)..... RBV J230 J6 HVQ J6 YOCKY DARBY–STAR Marco Island (MKY) (GPS or DME/DME–IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)–STAR Memphis (MEM)..... RBV J230 J6 BWG WLDER–STAR Miami (MIA, TMB, HST) (Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR... or (Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR or (Turboprops) WAVEY EMJAY J174 ORF J121 CHS J79 ANNEY–STAR.....	

Terminals	Route	Effective Times (UTC)
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU-STAR	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashville (BNA)	RBV J230 J6 YOCCY GUITR- STAR	
New Orleans (MSY)	RBV J230 J48 MOL J22 MEI J31	
Norfolk (ORF)	WAVEY EMJAY J174 SWL V139 CCV	
Orlando Executive (ORL)	(Turbojets) WAVEY EMJAY J174 ORF J121 CHS J79 OMN CORLL-STAR	1100-0300
	or (GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Turbojets) WAVEY EMJAY J174 ORF J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL..... or (GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Phoenix (PHX)	RBV J230 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	(Turbojets) COATE J36 J190 SLT GRACE-STAR ... or (Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE-STAR	
Raleigh/Durham (RDU)	WAVEY EMJAY J174 SWL ARGAL-STAR	
Richmond (RIC)	WAVEY EMJAY J174 SWL V139 CCV HPW	
Roanoke (ROA)	RBV J230 J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE .	
Salt Lake City (SLC)	GAYEL J95 BUF J16 BAE DBQ J94 OCS OGD	
San Francisco (SFO)	GAYEL J95 BUF J16 ECK J38 GRB J106 GEP J70 ABR J32 FMG GOLDEN GATE-STAR	
Sarasota/Bradenton (SRQ)	RBV J230 J75 TAY J85 GNV LAL	
Savannah (SAV)	WAVEY EMJAY J174 ORF J121 CHS	
St. Louis (STL)	RBV J230 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE)	RBV J230 J75 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	RBV J230 J75 TAY LZARD-STAR	
	or (GPS or DME/DME-IRU equipped) RBV J230 J75 TAY DADES (RNAV)-STAR	
Toronto (CYYZ)	GAYEL J95 BUF V36	
Washington Dulles (IAD)	RBV RBV289 V457 LRP V143 MULRR AML	
Washington Natl (DCA)	(Turbojets only FL 180-FL 220) WAVEY EMJAY J174 ZIZZI ATR085 ATR V308 BILIT DCA	
	or (Turbojets only/FL180-FL220/GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 ZIZZI ATR085 ATR V308 LAFLN BILIT (RNAV)-STAR	
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR.. or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or	

Effective
Times
(UTC)

Terminals

Route

	(Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR
	or
	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI.....
From LA GUARDIA (LGA) only	
Akron/Canton (CAK)	ELIOT J60 PSB PSB292060 YNG V72 ACO
Allegheny County (AGC).....	ELIOT J80 VINSE NESTO–STAR
Atlanta (ATL)	LANNA J48 ODF WHINZ–STAR
	or
	(RNAV only) LANNA J48 ODF FLCON (RNAV)–STAR
Augusta (AGS)	BIGGY J75 GVE J37 SPA
Baltimore (BWI)	BIGGY J75 MXE V378 BAL
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ
Boca Raton (BCT).....	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR.....
	or
	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR
	or
	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL
	or
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR ..
Boston (BOS)	MERIT ORW ORW–STAR
Buffalo (BUF).....	(Turbojets) NEION J223 CORDS ULW ULW306 V164
	or
	(Turboprops) COATE J36 ULW141 ULW ULW306 V164
Burlington (BTV).....	GREKI V419 JUDDS CAM
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS
Charleston (CRW)	PARKE J6 HVQ
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC-STAR
Charlottesville (CHO)	BIGGY J75 GVE
Chattanooga (CHA).....	LANNA J48 MOL J22 VXV
Chicago Midway (MDW).....	ELIOT J60 GSH GSH-STAR
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)–STAR
	or
	(all others) PARKE J6 COLNS JAVIT–STAR
Cleveland (CLE)	ELIOT J60 PSB PSB292 YNG CXR
Columbus (CMH).....	ELIOT J80 AIR AIR260 BREMN
Dallas/Fort Worth (DFW)	PARKE J6 LIT BYP
Dayton (DAY)	ELIOT J80 AIR APE DANEI–STAR
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN
Dekalb/Peachtree (PDK)	LANNA J48 ODF AWSON-STAR
Denver (DEN).....	ELIOT J60 IOW J10 LBF SAYGE–STAR
Detroit Metro Wayne Co (DTW).....	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR
Detroit Satellites:	
Ann Arbor (ARB), Coleman A Young (DET), Pontiac (PTK), Willow Run (YIP), Windsor (CYQG)	GAYEL J95 BUF J547 YXU PICES–STAR
	or
Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG

0000–2359

Terminals	Route	Effective Times (UTC)
Fayetteville (FAY)	BIGGY J75 GVE SBV RDU	0000-2359
Fort Lauderdale (FLL, FXE, OPF)	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or	
	(Water-Turbojets GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR.....	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS OMN FISEL (RNAV)-STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 VRB BLUFI-STAR.....	
	or	
	(Water-Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or	
	(Water-Turboprops GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
	or	
	(WATER-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR...	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	BIGGY J75 GVE LYH V222 HENBY	
Greer (GSP)	BIGGY J75 GVE J37 SPA	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(non-advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) LANNA J48 MOL J22 VUZ AEX TXMEX (RNAV)-STAR	
Houston Hobby (HOU)	(GPS or DME/DME-IRU equipped) LANNA J48 MOL J22 VUZ AEX ROKIT (RNAV)-STAR	
	or	
	(non-advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS-STAR	
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 CHS SSI-STAR	
Kansas City (MKC)	ELIOT J80 SPI BQS-STAR	
Knoxville (TYS)	LANNA J48 MOL J22	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Louisville (SDF)	PARKE J6 HVQ J6 YOCKY DARBY-STAR	
Marco Island (MKY)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Meilbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
Memphis (MEM)	PARKE J6 BWG WLDER-STAR	
Miami (MIA, TMB, HST)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR...	
	or	
	(Turbojets-GPS or DME-DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU-STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXISIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR- STAR	
New Orleans (MSY, NEW)	LANNA J48 MOL J22 MEI J31	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Omaha (OMA)	ELIOT J60 IOW DSM	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	ELIOT J80 VINSE NESTO-STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO ...	
Raleigh/Durham (RDU)	WHITE J209 CYN J37 J191 PXT PXT238 HPW025 HPW ARGAL-STAR	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE . or (Turboprops) COATE J36 CFB154 CFB V252 GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J38 GRB ODI FSD J82 RAP J158 DDY J107 OCS OGD	
Sarasota/Bradenton (SRQ)	BIGGY J75 TAY J85 GNV LAL	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	ELIOT J80 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
	or	
	(Turboprops) COATE J36 CFB154 CFB	
Tampa (TPA)	BIGGY J75 TAY LZARD-STAR	
Toledo (TOL)	ELIOT J60 DJB VWV	
Toronto (CYYZ)	(Turbojets) GAYEL J95 BUF V36	
	or	
	(Turboprops) COATE J36 ULW141 ULW V36	

Terminals	Route	Effective Times (UTC)
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL	
	or	
	(GPS or DME/DME-IRU equipped) BIGGY J75	
	MXE CLIPR (RNAV)-STAR	
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU	
	equipped) WAVEY EMJAY J174 SWL CEBEE	
	WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR..	
	or	
	(Water-Turbojets) WAVEY EMJAY J174 SWL	
	CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE	
	SWOMP SANZZ CASKI	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121	
	CHS J79 OMN TUXXI-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped)	
	WHITE J209 SBY J79 KATZN ISO J121 CHS J79	
	OMN FRWAY (RNAV)-STAR	
Winston-Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	ELIOT J60 PSB PSB292060	
From NEWARK (EWR) only		
Akron (CAK)	ELIOT J60 PSB PSB292 YNG V72 ACO	
Akron (AKR)	ELIOT J60 PSB PSB292060 YNG V72 ACO	
Allegheny County (AGC)	ELIOT J80 VINSE NESTO-STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ-STAR	
	or	
	(RNAV only) LANNA J48 ODF FALCON	
	(RNAV)-STAR	
Augusta (AGS)	BIGGY J75 GVE J37 SPA	1100-0300
Baltimore (BWI)	BIGGY J75 MXE V378 BAL	
Binghamton (BGM)	NEION J223 CORDS CFB	
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ	
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped)	
	WHITE J209 SBY J79 KATZN ISO J121 CHS J79	
	OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121	
	CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets GPS or DME/DME-IRU	
	equipped) WHITE J209 SBY KEMPR DIW AR19	
	AYBID CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW	
	AR19 AYBID MIMMI NEUBE SWOMP SANZZ	
	CAYSL	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306	
	V164	
	or	
	(Turboprops) COATE J36 ULW141 ULW ULW306	
	V164	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS .	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC-STAR	1100- 0300
Charlottesville (CHO)	BIGGY J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV	
Chicago Midway (MDW)	ELIOT J60 GSH GSH-STAR	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN-STAR	0000-2359
Cincinnati (CVG)	PARKE J6 COLNS HNN JAVIT-STAR	
	or	
	COLNS JAVIT-STAR	
	or	
	(RNAV only) PARKE J6 COLNS GAVNN	
	(RNAV)-STAR	

Effective
Times
(UTC)

Terminals	Route
	or
Cleveland (CLE).....	(all others) PARKE J6 COLNS JAVIT-STAR.....
Columbus (CMH).....	ELIOT J60 PSB PSB292 YNG CXR
Dallas/Fort Worth (DFW)	ELIOT J80 AIR AIR260 BREMN
Dayton (DAY)	PARKE J6 LIT BYP
Daytona Beach (DAB).....	ELIOT J80 AIR APE DANEI-STAR
	WHITE J209 SBY J79 KATZN J193 J121 CHS J79
	OMN
Dekalb (Peachtree) (PDK)	LANNA J48 ODF AWSON-STAR
Denver (DEN)	ELIOT J60 IOW J10 LBF SAYGE-STAR
Detroit Metro Wayne Co (DTW).....	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR
	YQO SPICA-STAR
Detroit Satellites:	
Coleman A Young (DET), Windsor	
(CYQG), Pontiac (PTK), Willow Run	
(YIP).....	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR
	YQO
Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPER
	YQG
Fayetteville (FAY).....	BIGGY J75 GVE SBV RDU
Fort Lauderdale (FLL).....	(Turbojets-GPS or DME/DME-IRU equipped)
	WHITE J209 SBY J79 KATZN ISO J121 CHS J79
	OMN FISEL (RNAV)-STAR
	or
	(Water-Turbojets-GPS or DME/DME-IRU
	equipped) WHITE J209 SBY KEMPR ILM AR21
	CRANS FISEL (RNAV)-STAR
	or
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM
	AR21 CRANS HIILL FATHR GISSH-STAR
	or
	(Water-Turboprops) WHITE J209 SBY KEMPR ILM
	AR21 CRANS HIILL FATHR GISSH-STAR
	or
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121
	CHS J79 OMN GISSH-STAR.....
	or
	(Turboprops) WHITE J209 SBY J79 KATZN J193
	J121 CHS J79 OMN MLB BLUFI-STAR.....
	or
	(Water-Turboprops-GPS or DME/DME-IRU
	equipped) WHITE J209 SBY KEMPR ILM AR21
	CRANS FISEL (RNAV)-STAR
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) BIGGY J75
	GSO J75 DUNKN SHFTY (RNAV)-STAR
Fort Wayne (FWA)	ELIOT J80 SUZIE J64
Greensboro (GSO)	BIGGY J75 GVE LYH V222 HENBY
Greer (GSP).....	BIGGY J75 GVE J37 SPA
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL
Houston George Bush Intcntl (IAH)	(non-advanced NAV only) LANNA J48 MOL J22
	MEI AEX DAS-STAR
	or
	(Turbojets-GPS or DME/DME-IRU equipped)
	LANNA J48 MOL J22 MEI AEX TXMEX
	(RNAV)-STAR.....
Houston Hobby (HOU).....	(GPS or DME/DME-IRU equipped) LANNA J48
	MOL J22 MEI AEX ROKIT (RNAV)-STAR
	or
	(non-advanced NAV only) LANNA J48 MOL J22
	MEI AEX DAS-STAR
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423
Kansas City (MKC)	ELIOT J80 SPI BQS-STAR
Knoxville (TYS).....	LANNA J48 MOL J22
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL
Lexington (LEX).....	PARKE J6 HVQ

0000-2359

Terminals	Route	Effective Times (UTC)
Los Angeles (LAX)	ELIOT J80 MCI J24 SLN J102 ALS J44 RSK J64 CIVET CIVET-STAR	
Louisville (LOU, SDF)	PARKE J6 HVQ J6 YOCKY DARBY-STAR	
Marco Island (MKY)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
Memphis (MEM)	PARKE LRP J6 BWG WLDER-STAR	
Miami (MIA)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)-STAR	
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or (Water-Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSIL MILSY BOYUR HILEY KAINS	
	or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU- STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXISIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR-STAR	
New Orleans (MSY)	LANNA J48 MOL J22 MEI J31	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
	or (GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	1100-0300
	or (GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	ELIOT J80 VINSE NESTO-STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO	
Raleigh-Durham (RDU)	WHITE J209 CYN J37 J191 PXT PXT238 HPW025 HPW ARGAL-STAR	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE or	

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Terminals	Route
	(Turboprops) COATE J36 CFB154 CFB V252 GIBBE
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J38 GRB ODI FSD J82 RAP J158 DDY J107 OCS OGD
San Francisco (SFO)	GAYEL J95 BUF J16 ECK J38 GRB J106 GEP J70 ABR J32 FMA ILA PYE GOLDEN GATE-STAR
Sarasota/Bradenton (SRQ)	BIGGY J75 TAY J85 GNV LAL
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS
St. Louis (STL)	ELIOT J80 AIR J110 VHP VLA-STAR
St. Petersburg (PIE)	BIGGY J75 TAY LZARD-STAR
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29
	or COATE J36 CFB154 CFB
Tampa (TPA)	BIGGY J75 TAY LZARD-STAR
	or (GPS or DME/DME-IRU equipped) BIGGY J75 TAY DADES (RNAV)-STAR
Toledo (TOL)	ELIOT J60 DJB VWV
Toronto (CYYZ)	(Turbojets) GAYEL J95 BUF V36
	or (Turboprops) COATE J36 ULW141 ULW V36
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL
	or (GPS or DME/DME-IRU equipped) BIGGY J75 MXE CLIPR (RNAV)-STAR
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR
	or (Turbojets-GSP or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR
	or (Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID NEUBE SWOMP SANZZ CASKI
Winston Salem (INT)	BIGGY J75 GSO
Youngstown (YNG)	ELIOT J60 PSB PSB292
From NEWARK SATELLITES only	
Akron (CAK)	ELIOT J60 PSB PSB292 YNG V72 ACO
Akron (AKR)	ELIOT J60 PSB PSB292060 YNG V72 ACO
Allegheny County (AGC)	ELIOT J80 VINSE NESTO-STAR
Augusta (AGS)	LANNA J48 ETX215 J75 GVE J37 SPA
Baltimore (BWI)	BIGGY J75 MXE V378 BAL
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)-STAR
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR
	or (Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164

1100-0300

Terminals	Route or	Effective Times (UTC)
	(Turboprops) COATE J36 ULW141 ULW ULW306 V164	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS .	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	LANNA J48 ETX215 J75 GVE LYH MAJIC-STAR	1100-0300
Charlottesville (CHO)	LANNA J48 ETX215 J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN-STAR	0000-2359
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR	
	or	
	(all others) PARKE J6 COLNS JAVIT-STAR	
Columbus (CMH)	ELIOT J80 AIR AIR260 BREMN	
Dallas/Fort Worth (DFW)	PARKE J6 LIT BYP	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN	
Dekalb (Peachtree) (PDK)	LANNA J48 ODF AWSON-STAR	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA-STAR	
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Fayetteville (FAY)	LANNA J48 ETX215 J75 GVE SBV RDU	
Fort Lauderdale (FLL)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or	
	(Water-Turboprops-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Water-Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR (GISSH)-STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)-STAR	
	or	
	(WATER-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	LANNA J48 ETX215 J75 GVE LYH V222 HENBY ...	0000-2359
Greer (GSP)	LANNA J48 ETX215 J75 GVE J37 SPA	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(non-advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) LANNA J48 MOL J22 VUZ AEX TXMEX (RNAV)-STAR	
Houston Hobby (HOU)	(GPS or DME/DME-IRU equipped) LANNA J48 MOL J22 VUZ AEX ROKIT (RNAV)-STAR	

Effective
Times
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Terminals	Route	
	or	
	(non-advanced NAV only) LANNA J48 MOL J22	
	VUZ AEX DAS-STAR	
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS	
	SSI-STAR	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Los Angeles (LAX)	ELIOT J80 MCI J24 SLN J102 ALS J44 RSK J64	
	CIVET CIVET-STAR	
Louisville (LOU, SDF)	PARKE J6 HVQ J6 YOCKY DARBY-STAR	
Marco Island (MKY)	(GPS or DME/DME-IRU equipped) LANNA J48 J53	
	SPA J85 AMG SHFTY (RNAV)-STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79	
	OMN BITHO-STAR	
Miami (MIA)	(Turbojets-GPS or DME/DME-IRU equipped)	
	WHITE J209 SBY J79 KATZN ISO J121 CHS J79	
	OMN HILEY (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU	
	equipped) WHITE J209 SBY KEMPR DIW AR22	
	JORAY HILEY (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121	
	CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW	
	AR22 JORAY OSOGY ENVOY YOSI MILSY	
	BOYUR HILEY KAINS	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193	
	J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB	
	EAU-STAR	
Mobile (MOB)	LANNA J48 J53 SPA J37 MGM MVC V20 AXISIS ...	
Montgomery (MGM)	LANNA J48 J53 SPA J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB V91 NAPEE ...	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped)	
	LANNA J48 J53 SPA J85 AMG SHFTY	
	(RNAV)-STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR-STAR	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193	
	J121 CHS J79 OMN CORLL-STAR	1100-0300
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193	
	J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM	
	AR15 HIBAC APOLO ORL	1100-0300
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR ...	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO ...	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE .	
	or	
	(Turboprops) COATE J36 CFB154 CFB V252	
	GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J38 GRB ODI FSD J82	
	RAP J158 DDY J107 OCS OGD	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Petersburg (PIE)	LANNA J48 J53 SPA J85 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
	or	
	(Turboprops) COATE J36 CFB154 CFB	

Terminals	Route
Tampa (TPA)	LANNA J48 J53 SPA J85 TAY LZARD-STAR
	or
	(GPS or DME/DME-IRU equipped) LANNA J48 J53 SPA J85 TAY DADES (RNAV)-STAR
Toledo (TOL)	ELIOT J60 DJB VVW
Toronto (CYYZ)	(Turbojets) GAYEL J95 BUF V36
	or
	(Turboprops) COATE J36 ULW141 ULW V36
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL
West Palm Beach (PBI)	(Turbojets-GPS or DME/DME-IRU equipped)
	WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY-STAR
	or
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR
	or
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR
	or
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI
Winston Salem (INT)	BIGGY J75 GSO
Youngstown (YNG)	ELIOT J60 PSB PSB292060
FROM TETERBORO (TEB) only	
Boca Raton (BCT)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)-STAR
	or
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL
	or
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR
	or
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS .
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)-STAR
	or
	(all others) PARKE J6 COLNS JAVIT-STAR
Detroit Satellites:	
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	GAYEL J95 BUF J547 YXU PICES-STAR
	or
	ELIOT J60 PSB LLEE0-STAR
Ft. Lauderdale (FLL, OPF)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR
	or
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR
	or
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUF-STAR
	or
	(Water-Turboprops) WHITE J209 ORF J174 ILM AR21 CRANS HILL FATHR GISSH-STAR

Terminals	Route or	Effective Times (UTC)
	(Water-Turboprops-GPS or DME/DME-IRU equipped) WHITE J209 ORF J174 ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS FATHR GISSH-STAR	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 CHS SSI-STAR ..	
Marco Isle (MKY)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Miami (MIA, TMB, HST)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSY MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando/Exec (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
West Palm Beach (PBI)	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)-STAR	

Terminals

Route

FROM WHITE PLAINS (HPN)

Allegheny (AGC)

Atlanta (ATL)

Baltimore (BWI)

Binghamton (BGM)

Boca Raton (BCT).....

Boston (BOS)

Buffalo (BUF).....

Burlington (BTV).....

Charleston (CHS)

Charleston (CRW).....

Charlotte (CLT)

Chicago Midway (MDW)

Chicago O'Hare (ORD)

Cincinnati (CVG).....

Cleveland (CLE)

Columbus (CMH).....

Dallas/Ft Worth (DFW).....

Dayton (DAY)

Daytona Beach (DAB)

Denver (DEN).....

Detroit Metro-Wayne Co (DTW)

Detroit Satellites:

Coleman A Young (DET), Pontiac (PTK),

Windsor (CYQG), Willow Run (YIP), Ann

Arbor (ARB)

Fayetteville (FAY)

Fort Lauderdale (FLL, FXE, OPF)

or
(Water-Turbojets) WHITE J209 SBY KEMPR DIW
AR19 AYBID MIMMI NEUBE SWOMP SANZZ
CASKI

ELIOT J80 VINSE NESTO-STAR

LANNA J48 ODF WHINZ-STAR

or

(RNAV only) LANNA J48 ODF FLCON (RNAV)-STAR

BIGGY J75 MXE V378 BAL.....

(Turbojets) NEION J223 CORDS CFB

(Turbojets-GPS or DME/DME-IRU equipped)

WHITE J209 SBY J79 KATZN J193 J121 CHS

J79 OMN CAYSL (RNAV)-STAR

or

(Turbojets) WHITE J209 SBY J79 KATZN ISO J121

CHS J79 OMN TUXXI-STAR.....

or

(Water-Turbojets-GPS or DME/DME-IRU

equipped) WAVEY EMJAY J174 SWL CEBEE

WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR ..

or

(Water) WAVEY EMJAY J174 SWL CEBEE WETRO

DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ

CAYSL

MERIT ORW ORW-STAR

(Turbojets) NEION J223 CORDS ULW ULW306

V164

or

(Turboprops) GAYEL J95 CFB V270 ULW306

V164

GREKI V419 JUDDS CAM.....

(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS .

PARKE J6 HVQ

BIGGY J75 GVE LYH MAJIC-STAR

ELIOT J60 GSH GSH-STAR

COATE J36 FNT PAITN-STAR

(RNAV only) PARKE J6 COLNS GAVNN

(RNAV)-STAR

or

(all others) PARKE J6 COLNS JAVIT-STAR

ELIOT J60 PSB PSB292 YNG CXR

ELIOT J80 AIR AIR260 BREMN

PARKE J6 LIT BYP

ELIOT J80 AIR APE DANEI-STAR

WHITE J209 SBY J79 KATZN J193 J121 CHS J79

OMN.....

ELIOT J60 IOW J10 LBF SAYGE-STAR

GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR

YQO SPICA-STAR

GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR

YQO

BIGGY J75 GVE SBV RDU

(Turbojets-All Others) WHITE J209 SBY J79

KATZN ISO J121 CHS J79 OMN GISSH-STAR....

or

(Turbojets)-/E./G./R./J./L./Q equipped) WHITE

J209 SBY J79 KATZN ISO J121 CHS J79 OMN

FISEL (RNAV)-STAR

or

(Turboprops) WHITE J209 SBY J79 KATZN J193

J121 CHS J79 OMN MLB BLUFI-STAR.....

or

0000-2359

Effective
Times
(UTC)

Terminals	Route
	(Water-Turboprops-/E,/G,/R,/J,/L,/Q equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR
Fort Wayne (FWA)	ELIOT J80 SUZIE J64
Greensboro (GSO)	BIGGY J75
Greer (GSP)	BIGGY J75 GVE J37 SPA
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL
Houston George Bush Intrcnl (IAH)	(non-advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS-STAR
	or (Turbojets-GPS or DME/DME-IRU equipped) LANNA J48 MOL J22 VUZ AEX TXMEX (RNAV)-STAR
Houston Hobby (HOU)	(GPS or DME/DME-IRU equipped) LANNA J48 MOL J22 VUZ AEX ROKIT (RNAV)-STAR
	or (non-advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS-STAR
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 CHS SSI-STAR ..
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL
Lexington (LEX)	PARKE J6 HVQ
Los Angeles (LAX)	ELIOT J80 MCI J24 SLN J102 ALS J44 RSK J64 CIVET CIVET-STAR
Louisville (SDF)	PARKE J6 HVQ J6 YOCKY DARBY-STAR
Marco Island (MKY)	(GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR
	or (Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR
Memphis (MEM)	PARKE J6 BWG WLDER-STAR
Miami (MIA, TMB, HST)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR...
	or (Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR
	or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR
	or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR
	or (Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU-STAR
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXISIS
Montgomery (MGM)	BIGGY J75 GVE J37
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)-STAR
	or

Terminals	Route	Effective Times (UTC)
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Nashville (BNA).....	PARKE J6 YOCKY GUITR-STAR	
Norfolk (ORF).....	WHITE J209 SBY V1 CCV.....	
Orlando Exec (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
	or	
	(Water-Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR.....	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Phoenix (PHX).....	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR....	
Portland (PWM).....	GREKI V419 JUDDS CAM CON CON067 PARSO....	
Richmond (RIC).....	WHITE J209 SBY V1 CCV HPW	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE..	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J16 BAE DBQ J94 OCS OGD	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS.....	
St. Louis (STL).....	ELIOT J80 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE).....	BIGGY J75 TAY LZARD-STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA).....	BIGGY J75 TAY LZARD-STAR	
	or	
	(GPS or DME/DME-IRU equipped) BIGGY J75 TAY DADES (RNAV)-STAR	
Toledo (TOL).....	ELIOT J60 DJB VWV	
Toronto (CYYZ)	GAYEL J95 BUF V36	
Tri City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL.....	
	or	
	(GPS or DME/DME-IRU equipped) BIGGY J75 MXE CLIPR (RNAV)-STAR.....	
West Palm Beach (PBI)	(Water-Turbojets-GPS or DME/DME-IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR..	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY-STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or	
	(Water-Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI.....	
Winston/Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG).....	ELIOT J60 PSB PSB292060.....	
NORFOLK (ORF)		
Chicago O'Hare (ORD)	MOL GEFFS J149 FWA KNOX-STAR or MOL GEFFS J149 ROD WATSN (RNAV)-STAR	

Terminals	Route	Effective Times (UTC)
Cincinnati (CVG).....	(at or above FL240) WAIKS ORF290 KELLE MOL130 MOL HNN090/50 HNN JAVIT-STAR or (at or below FL220) WAIKS ORF290 KELLE MOL130 MOL HNN JAVIT-STAR..... or (RNAV only—at or above FL240) WAIKS KELLE MOL HNN090/50 HNN GAVNN (RNAV)-STAR or (RNAV only—at or below FL220) WAIKS KELLE MOL HNN GAVNN (RNAV)-STAR.....	
Detroit Metro Wayne Co (DTW).....	WAIKS ORF290 KELLE MOL130 MOL GEMNI-STAR	
Houston George Bush Intcnl (IAH)	(Turbojets-GPS or DME/DME-IRU equipped) VUZ AEX TXMEX (RNAV)-STAR	
Houston Hobby (HOU).....	or (non-advanced NAV only) VUZ AEX DAS-STAR	
Islip (ISP).....	(GPS or DME/DME-IRU equipped) VUZ AEX ROKIT (RNAV)-STAR	
Kennedy (JFK).....	or (non-advanced NAV only) VUZ AEX DAS-STAR.....	1100-0400
La Guardia (LGA).....	SCHOL SBY200 J121 SARDI CCC	1100-0400
Newark (EWR).....	SCHOL SBY 200 J121 SIE CAMRN-STAR	1100-0300
	HPW V213 PXT KORRY-STAR	
	HPW HPW025 J14 PXT DYLIN-STAR	
	or (GPS or DME/DME-IRU equipped) HPW HPW025 J14 PXT PHLBO (RNAV)-STAR	
Philadelphia (PHL).....	SCHOL SBY200 V139 RADDV VCN-STAR	1100-0400
Teterboro (TEB).....	HPW V213 PXT JAIKE-STAR	1100-0300
	or (non advanced navigation, turbojets only) WAIKS ORF290079 FAK BRV AML J227 J49 J70 LVZ LVZ-STAR	1100-0300
PHILADELPHIA METRO AREA (PHL, PNE)		
Albany (ALB).....	DITCH J225 JFK244016 LGA LGA055 V487 CANAN V130	
Atlanta (ATL)	MXE MXE278 PENSY J48 ODF WHINZ-STAR	
	or (RNAV only) MXE MXE278 PENSY J48 ODF FLCON (RNAV)-STAR	
Boca Raton (BCT).....	(Turbojets-/E./G./R./J./L./Q equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets-All Others) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-Turbojets-/E./G./R./J./L./Q equipped) OOD TEBEE HAYDO SBY J209 ORF KEMPR DIW AR19 AYBID CAYSL (RNAV)-STAR.....	
	or (Water-Turbojets-All Others) OOD TEBEE HAYDO SBY J209 ORF KEMPR DIW AR19 AYBID NEUBE SWOMP SANZZ CAYSL (RNAV)-STAR	
Boston (BOS)	DITCH J225 JFK ORW-STAR	
Buffalo (BUF).....	PTW PTW320 J64 RAV RAV312 BUF162	
Burlington (BTV).....	DITCH J225 JFK J222 CAM	
Charleston (CHS)	(Turbojets) OOD TEBEE HAYDO SBY J79 CHS.....	
Charlotte (CLT)	MXE J75 GVE LYH MAJIC-STAR	
Chicago Midway (MDW).....	PTW PTW320 SARAA RAV PSB J60 GSH GSH-STAR	
Chicago O'Hare (ORD)	PTW PTW320 J64 FWA OXI-STAR	0000-2359
	or	

Terminals	Route	Effective Times (UTC)
Cincinnati (CVG).....	(GPS OR DME/DME-IRU equipped) PTW PTW320 SARMA J64 MAINE ZANLA WATSN (RNAV)-STAR (RNAV only) MXE PENSY J110 FLIRT J6 COLNS GAVNN (RNAV)-STAR or (all others) MXE PENSY J110 FLIRT J6 COLNS JAVIT-STAR	
Cleveland (CLE)	PTW PTW320 J64 RAV PSB PSB292 YNG CXR	
Columbus (CMH).....	MXE MXE278 PENSY J110 AIR BREMN-STAR	
Dallas/Fort Worth (DFW)	MXE MXE278 PENSY J110 FLIRT J6 LIT BONHAM-STAR	
Dayton (DAY)	MXE MXE278 PENSY J110 AIR APE DANEI-STAR..	
Denver (DEN).....	PTW PTW320 J64 RAV PSB J60 IOW J10 LBF SAYGE-STAR	
Detroit Metro-Wayne Co (DTW)	MXE MXE278 PENSY J110 LEJOY J518 DJB GEMNI-STAR	
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK)	PTW PTW320 J64 RAV PSB LLEEO-STAR	
Willow Run (YIP)	PTW PTW320 J64 RAV PSB ERI	
Fort Lauderdale (FLL).....	(Water-Turboprops-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR..... or (Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR..... or (Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN GISSH-STAR..... or (Water-Turboprops) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Turboprops) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI-STAR.....	
Fort Myers (FMY, RSW)	(GPS or DME/DME-IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)-STAR..... or (WATER-Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Greensboro (GSO).....	MXE J75 GVE LYH V222 HENBY	0000-2359
Hot Springs (HSP)	MXE MXE278 PENSY J48 MOL	
Houston George Bush Intrcnl (IAH)	(non-advanced NAV only) MXE MXE278 PENSY J48 MOL J22 VUZ AEX DAS-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) MXE MXE278 PENSY J48 MOL J22 VUZ AEX TEXMX (RNAV)-STAR	
Houston Hobby (HOU).....	(GPS or DME/DME-IRU equipped) MXE MXE278 PENSY J48 MOL J22 VUZ AEX ROKIT (RNAV)-STAR	
	or (non-advanced NAV only) MXE MXE278 PENSY J48 MOL J22 VUZ AEX DAS-STAR	

Effective
Times
(UTC)

Terminals	Route	
Indianapolis (IND)	MXE MXE278 PENSJ J110 AIR J80 EMPTY DQN CLANG-STAR	
Jacksonville (JAX).....	(Turbojets) OOD TEBEE HAYDO SBY J79 CHS SSI-STAR.....	
Kansas City (MKC)	MXE MXE278 J110 AIR J80 SPI BRAYMER-STAR..	
Knoxville (TYS).....	MXE MXE278 PENSJ J48 MOL J22	
Lewisburg (LWB)	MXE MXE278 PENSJ J48 MOL V140 COVEY	
Lexington (LEX)	MXE MXE278 PENSJ J110 LEJOY HVQ	
Louisville (SDF).....	MXE MXE278 PENSJ J110 FLIRT J6 YOCKY DARBY-STAR.....	
Manchester (MHT).....	DITCH J225 JFK J37 ALB EEN MHT	
Marco Island (MKY)	(GPS or DME/DME-IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)-STAR.....	
Memphis (MEM).....	MXE MXE278 PENSJ J110 FLIRT J6 BWG WLDER-STAR	
Miami (MIA).....	(Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSJ MILSY BOYUR HILEY KAINS	
	or (Water-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR DIW AR22 JORAY HILEY (RNAV)-STAR.....	
	or (Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY-STAR	
	or (Turbojets-GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Turboprops) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY-STAR	
Milwaukee (MKE)	PTW PTW320 J64 RAV PSB J60 DJB J34 J70 PMM V170 BRAVE	
Minneapolis (MSP)	PTW PTW320 J64 RAV PSB J60 DJB J34 BAE EAU-STAR	
Montreal (CYUL).....	DITCH J225 JFK J222 PLB PLB-STAR	
Naples (APF)	(Turbojets-GPS or DME/DME-IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)-STAR	
Nashville (BNA).....	MXE MXE278 PENSJ J110 FLIRT J6 YOCKY GUITR-STAR	
New Orleans (MSY)	MXE MXE278 PENSJ J48 MOL J22 MEI RYTHM-STAR	
Newport News (PHF).....	OOD OOD198 SBY018 SBY VI CCV	
Orlando Executive (ORL)	OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100-0300
Orlando Intl (MCO)	OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (Water-Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or (GPS or DME/DME-IRU equipped) OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR	1100-0400
	or (GPS or DME/DME-IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Pittsburgh (PIT)	MXE MXE278 PENSJ J110 VINSE NESTO-STAR ..	
Portland (PWM).....	DITCH V312 DRIFT CCC BOS BOS048 MESHL	1100-0300
Providence (PVD)	DITCH V312 DRIFT J121 HTO JORDN-STAR	
	or (Turbojet, NonAdvanced Navigation) DITCH V312 DRIFT J121 HTO V268 MINNK.....	
Raleigh/Durham (RDU)	OOD OOD198 SBY018 SBY ARGAL-STAR	

Terminals**Route**

Richmond (RIC)..... OOD OOD198 SBY018 SBY V1 CCV HPW
 Roanoke (ROA) MXE MXE278 PENSJ J48 MOL
 Rochester (ROC) PTW PTW320 J64 RAV RAV312 J227 ULW V31
 GIBBE
 San Francisco (SFO)..... PTW PTW320 J64 HLC J80 OAL MOD-STAR
 Sarasota/Bradenton (SRQ) MXE J75 TAY J85 GNV GNV174055 LAL
 Savannah (SAV) ODD TEBEE HAYDO SBY J79 CHS
 St. Louis (STL)..... MXE MXE278 PENSJ J110 VHP VLA-STAR
 St. Petersburg (PIE)..... MXE J75 TAY LZARD-STAR
 Tampa (TPA)..... MXE J75 TAY LZARD-STAR

or

(GPS or DME/DME-IRU equipped) MXE J75 TAY
 DADES (RNAV)-STAR

Toronto (CYYZ) PTW PTW320 J64 RAV PSB J61 BUF V36
 West Palm Beach (PBI) (Turbojets-GPS or DME/DME-IRU equipped) OOD
 TEBEE HAYDO SBY J79 KATZN J193 J121 CHS
 J79 OMN FRWAY (RNAV)-STAR

or

(Turbojets) OOD TEBEE HAYDO SBY J79 KATZN
 ISO J121 CHS J79 OMN TUXXI-STAR

or

(Water-Turbojets GPS or DME/DME-IRU
 equipped) OOD TEBEE HAYDO SBY KEMPR DIW
 AR19 AYBID FRWAY (RNAV)-STAR

or

(Water-Turbojets) OOD TEBEE HAYDO SBY
 KEMPR DIW AR19 AYBID MIMMI NEUBE
 SWOMP SANZZ CASKI.....

White Plains (HPN) DITCH V312 CYN BOUNO-STAR
 Windsor Locks (BDL) DITCH J225 JFK DPK DPK-STAR

PITTSBURGH (PIT)

Albany (ALB) EWC EWC050 J584 SLT RKA RKA099 V449
 Boston (BOS) EWC EWC050 J584 SLT J190 ALB GDM
 GDM-STAR
 Buffalo (BUF) EWC EWC038 EWC038060 DKK BUF
 Chicago Midway (MDW) BSV BSV297 MAYZE J60 GSH GSH-STAR
 Chicago O'Hare (ORD) BSV BSV286 OXI095 OXI OXI-STAR

1100-0300

or

BSV ZANLA WATSN (RNAV)-STAR
 Fort Lauderdale (FLL)..... (/E, /G, /R, /J, /L, /Q) CKB CKB197 PSK014
 PSK CAE SAV J103 OMN FISEL (RNAV)-STAR....
 or
 (all others) CKB CKB197 PSK014 PSK CAE SAV
 J103 OMN GISSH-STAR.....

Houston George Bush Intrcntl (IAH) (Turbojets-GPS or DME/DME-IRU equipped) LIT
 J180 SWB TXMEX (RNAV)-STAR

or

(non-advanced NAV only) LIT J180 SWB
 DAS-STAR.....
 Houston Hobby (HOU)..... (GPS or DME/DME-IRU equipped) LIT J180 SWB
 ROKIT (RNAV)-STAR

or

(non-advanced NAV only) LIT J180 SWB
 DAS-STAR.....
 Islip (ISP) EWC EWC050 J584 SLT J190 CFB HNK J68 V130
 ORW V308 BOROS CCC
 Kennedy (JFK)..... EWC EWC050 J584 SLT J190 J70 LVZ
 LENDY-STAR

La Guardia (LGA) TON PSB MIP-STAR
 Miami (MIA)..... (/E, /G, /R, /J, /L, /Q) CKB CKB197 PSK014
 PSK CAE SAV J103 OMN HILEY (RNAV)-STAR ...
 or
 (all others) CKB CKB197 PSK014 CAE SAV J103
 OMN ANNEY-STAR

Newark (EWR)..... EWC EWC050 J584 SLT FQM-STAR
 Philadelphia (PHL)..... JST J152 HAR V210 BUNTS

Terminals	Route	Effective Times (UTC)
Tampa (TPA)	CKB197 PSK014 PSK CAE J75 TAY LZARD-STAR. or (GPS or DME/DME-IRU equipped) CKB197 PSK014 PSK CAE J75 TAY DADES (RNAV)-STAR	
White Plains (HPN)	(Above 250 kts) EWC EWC050 J584 SLT J190 CFB DNY280 DNY VALRE-STAR	
	or (250 kts or less) EWC EWC050 J584 SLT J190 CFB DNY280 DNY NOBBI-STAR	
Windsor Locks (BDL)	EWC EWC050 J584 SLT RKA SWEDE-STAR	
PORTLAND (PWM)		
Chicago O'Hare (ORD)	CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	1100-0300
Cincinnati (CVG)	(RNAV only) ENE J547 SYR JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (all others) ENE J547 SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE-STAR	
La Guardia (LGA)	CON CAM ALB PWL IGN V157	1100-0300
Newark (EWR)	CON CAM ALB V213 SAX	1100-0300
Philadelphia (PHL)	PSM WITCH CCC SHERL J121 BRIGS VCN-STAR ..	1100-0300
Pittsburgh (PIT)	CAM ALB J49 HNK HNK271 J190 SLT GRACE-STAR	1100-0300
Washington Dulles (IAD)	PSM WITCH GLYDE BAF J77 SAX J6 LRP DELRO-STAR	1100-0300
PROVIDENCE (PVD)		
Atlanta (ATL)	PUT BAF J77 PTW J48 ODF WHINZ-STAR	1100-0300
	or (RNAV only) PUT BAF J77 PTW J48 ODF FLCON (RNAV)-STAR	1100-0300
Baltimore (BWI)	PUT PUT283 NELIE CMK J75 MXE V378 BAL	1100-0300
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR	
	or (Water-GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or (Water-Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBID NEUBE SWOMP SANZZ CAYSL (RNAV)-STAR	
Chicago O'Hare (ORD)	PUT CTR CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	1100-0300
Cincinnati (CVG)	(RNAV only) CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (all others) CTR HNK J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	
Detroit Metro-Wayne Co (DTW)	PUT CTR CAM SYR J547 BUF YQO SPICA-STAR	1100-0300
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	PUT CTR CAM J547 BUF YQO	1100-0300
Fort Lauderdale (FLL)	(Water-Turbojets-GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR	1100-0300
	or	

Terminals	Route	Effective Times (UTC)
	(Water–Turboprops–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	1100–0300
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Turboprops) PVD180 JUMPR MVY260 RIFLE J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR	1100–0300
	or	
	(Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Water–Turboprops) PVD180 JUMPR MVY260 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	1100–0300
Fort Myers (RSW)	(WATER–Turbojets) PVD180 JUMPR MVY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	1100–0300
La Guardia (LGA)	(Above 250 kts) PUT BAF IGN V157	1100–0300
	or	
	(250 kts or less) PUT BAF V106 PWL V405 CASSH V123 HAARP	1100–0300
Miami (MIA)	(Water) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSE MILSY BOYUR HILEY KAINS	
	or	
	(Water–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) PVD180 JUMPR MVY260 RIFLE J174 ORF J121 CHS J79 OMN ANNEY–STAR	
Minneapolis/St Paul (MSP)	PUT CTR CAM SYR J547 BUF YWT J63 TVC J522 GRB EAU–STAR	1100–0300
Newark (EWR)	V146 BAF V292 V213 SAX	1100–0300
	or	
	(250 kts or less) V146 BAF V292 V489 COATE ...	1100–0300
Orlando Executive (ORL)	PVD180 JUMPR MVY260 J174 ORF J121 CHS J79 OMN CORLL–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	PVD180 JUMPR MVY260 J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR15 HIBEC APOLO ORL	
	or	

Terminals	Route	Effective Times (UTC)
	(GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR.....	1100-0400
	or	
	(GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Philadelphia (PHL).....	PVD180 JUMPR MVY260 J121 PLUME V139 BRIGS VCN-STAR.....	1100-0300
Pittsburgh (PIT).....	PUT CTR HNK HNK271 J190 SLT GRACE-STAR ...	1100-0300
Raleigh-Durham (RDU)	PVD180 JUMPR MVY260 RIFLE J174 SWL ARGAL-STAR	1100-0300
St. Louis (STL).....	PUT BAF J77 SAX J80 J110 VHP VLA-STAR	1100-0300
Tampa (TPA).....	PUT PUT283 NELIE CMK J75 TAY LZARD-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) PUT PUT283 NELIE CMK J75 TAY DADES (RNAV)-STAR	1100-0300
Washington Dulles (IAD)	PUT BAF J77 SAX J6 LRP DELRO-STAR	1100-0300
Washington Natl (DCA)	PVD180 JUMPR MVY260 J174 ATR085 ATR V308 BILIT	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)-STAR	1100-0300
West Palm Beach (PBI)	(Turbojets-GPS or DME-DME/IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	1100-0300
	or	
	(Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO CHS J79 OMN TUXXI-STAR	
	or	
	(Water-GPS or DME/DME-IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBIB FRWAY (RNAV)-STAR	1100-0300
	or	
	(Water-Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	1100-0300
READING (RDG)		
Detroit Metro Wayne Co (DTW).....	KIPPI J80 J518 DJB GEMNI-STAR	
RICHMOND (RIC)		
Cincinnati (CVG).....	(RNAV only-at or above FL240) YEAST MOL HNN090/50 HNN GAVNN (RNAV)-STAR	
	or	
	(RNAV only-at or below FL220) YEAST MOL HNN GAVNN (RNAV)-STAR	
	or	
	(all others at or above FL240) YEAST-DP MOL HNN090/50 HNN JAVIT-STAR	
	or	
	(all others at or below FL220) YEAST-DP MOL HNN JAVIT-STAR	
Detroit Metro Wayne Co (DTW).....	YEAST-DP MOL GEMNI-STAR	
Houston George Bush Intcntrl (IAH)	(Turbojets-GPS or DME/DME-IRU equipped) VUZ AEX TXMEX (RNAV)-STAR	
	or	
	(non-advanced NAV only) VUZ AEX DAS-STAR	
Houston Hobby (HOU).....	(GPS or DME/DME-IRU equipped) VUZ AEX ROKIT (RNAV)- STAR	
	or	
	(non-advanced NAV only) VUZ AEX DAS-STAR.....	
ROANOKE (ROA)		
Detroit Metro Wayne Co (DTW).....	BKW GEMNI-STAR.....	

Terminals	Route	Effective Times (UTC)
ROCHESTER (ROC)		
Cincinnati (CVG).....	(RNAV only) GEE BURST MAULL KODIE CTW TIGRR (RNAV)-STAR..... or (all others) GEE GEE204 BURST SLT013 SLT SLT249 KODIE CTW081 CTW CINCE-STAR	
Detroit Satellites:		
Coleman A Young (DET), Pontiac (PTK), Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP).....	YXU PICES-STAR..... (Above 250 kts) V34 BEEPS J522 EXTOL RKA RKA-STAR	
La Guardia (LGA).....	or (250 kts or less) V34 BEEPS DNY NOBBI-STAR ... (Above 250 kts) V34 BEEPS J522 HNK SHAFF-STAR	
	or (250 kts or less) V34 BEEPS J522 HNK V167 WEARD V489 COATE	
Philadelphia (PHL).....	GEE SLT PSB HAR V210 BUNTS	
STATE COLLEGE (UNV)		
Detroit Metro Wayne Co (DTW).....	PSB ERI SPICA-STAR.....	
SYRACUSE (SYR)		
Cincinnati (CVG).....	(RNAV only) SYR DINES MAULL KODIE CTW TIGRR (RNAV)-STAR..... or (all others) SYR V483 DINES GEE GEE204 KELIE SLT013 SLT SLT249 KODIE CTW081 CTW CINCE-STAR.....	
Detroit Satellites:		
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP).....	BUF YXU PICES-STAR	
TORONTO (CYYZ)		
Cincinnati (CVG).....	(RNAV only) THORL JHW MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (all others) THORL JHW JHW194 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	
Detroit Metro Area:		
Willow Run (YIP), Pontiac (PTK) Coleman A Young (DET), Windsor (CYQG)	ANCOL V104 YXU PICES-STAR.....	
La Guardia (LGA)	(Above 250 kts) V252 GEE RKA-STAR	1100-0300
	or (250 kts or less) V252 GEE V14 BEEPS J522 EXTOL RKA292 RKA NOBBI-STAR	
San Francisco (SFO).....	GRB J106 GEP J70 ABR J32 FMG ILA PYE	
WASHINGTON/BALTIMORE METRO AREA (DCA, BWI, IAD)		
Asheville (AVL).....	FLUKY DCA246 PAUKI MOL J22 PSK SUG	1100-0300
Atlanta (ATL)	FLUKY DCA246 PAUKI MOL WHINZ-STAR	1100-0400
	or (RNAV only) FLUKY DCA246 PAUKI MOL FLCON RNAV-STAR.....	1100-0300
Binghamton (BGM)	JERES J227 BABEE CFB	1100-0400
Birmingham (BHM)	FLUKY DCA246 PAUKI MOL J22 VUZ	1100-0300
Boston (BOS)	(turbojets) SWANN V268 BROSS J42 RBV J222 JFK ORW-STAR	
	or (Turboprops only) PALEO-DP SIE J121 HTO V308 ORW V16 WOONS	
Buffalo (BUF).....	JERES J220 BUF162	1100-0300
Charleston (CHS)	DAILY J61 HUBBS J193 WEAVR J121	1100-0400
Chattanooga (CHA)	FLUKY DCA246 PAUKI MOL J22 VXV	1100-0300
Chicago Midway (MDW).....	AML J149 FWA GSH-STAR	1100-0300
Chicago O'Hare (ORD)	AML J149 FWA KNOX-STAR	0000-2359

Terminals	Route or	Effective Times (UTC)
Cincinnati (CVG).....	AML J149 ROD WATSN (RNAV)-STAR (RNAV only) LDN J134 COLNS GAVNN (RNAV)-STAR.....	0000-2359
Cleveland (CLE)	or (all others) LDN J134 COLNS JAVIT-STAR	
Columbus (CMH).....	JERES J211 YNG CXR	
Dallas/Fort Worth (DFW)	AML J149 HACKS APE	1100-0300
Denver (DEN).....	LDN J134 J6 LIT BYP	
	LDN J134 STL J110 GCK J154 RYLIE DANDD-STAR	1100-0300
Detroit Metro Wayne Co (DTW).....	JERES J211 J60 DJB	1100-0400
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	JERES J211 J60 HAGUD LLEEO-STAR	
Fort Lauderdale (FLL).....	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH-STAR.....	
	or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 OMN MLB BLUFI-STAR	
	or (Water-Turboprops) DAILY J61 EDDYS J174 ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or (Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
Fort Myers (FMY, RSW)	(Turbojets-GPS or DME/DME-IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)-STAR ...	
Fort Wayne (FWA)	AML J149	1100-0300
Houston George Bush Intcnl (IAH)	(non-advanced NAV only) FLUKY DCA246 PAUKI MOL J22 VUZ AEX DAS-STAR	1100-0300
	or (Turbojets-GPS DME/DME-IRU equipped) FLUKY DCA246 PAUKI MOL J22 VUZ AEX TXMEX (RNAV)-STAR.....	1100-0300
Houston Hobby (HOU).....	(GPS or DME/DME-IRU equipped) FLUKY DCA246 PAUKI MOL J22 VUZ AEX ROKIT (RNAV)-STAR...	1100-0300
	or (non-advanced NAV only) FLUKY DCA246 PAUKI MOL J22 VUZ AEX DAS-STAR.....	1100-0300
Indianapolis (IND)	AML J149 EMPTY DQJ CLANG-STAR	
Jacksonville (JAX).....	DAILY J61 HUBBS J193 J121 CHS SSI-STAR	1100-0400
Kansas City Area (MCI)	LDN J134 STL MCM BQS-STAR	1100-0300
Knoxville (TYS).....	FLUKY DCA246 PAUKI MOL 22	1100-0300
La Guardia (LGA).....	PALEO V44 AGARD KORRY-STAR	1100-0400
Louisville (SDF).....	LDN J134 J6 YOCKY DARBY-STAR	1100-0300
Memphis (MEM).....	LDN J134 J6 BWG WLDER-STAR	1100-0300
Miami (MIA).....	(Turbojets) DAILY J61 HUBBS J193 J121 CHS J79 VRB HEATT -STAR	
	or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 VRB J45 ABLUFI AR1	
	or (Water) DAILY J61 EDDYS J174 DIW AR14 METTA AR1 HOBEE HEATT -STAR	
Milwaukee (MKE)	BUFR J518 DJB J34 ALPHE J70 PMM V170 BRAVE	
Minneapolis (MSP).....	BUFR J518 DJB J34 BAE EAU-STAR	
Nashville (BNA).....	LDN J134 J6 YOCKY GUITR-STAR	1100-0300
New Orleans (MSY)	FLUKY DCA246 PAUKI MOL J22 MEI J31	1100-0300
Orlando Intl (MCO)	DAILY J61 HUBBS J193 J121 CHS J79 OMN BITHO-STAR	1100-0300
	or (Water) DAILY J61 EDDYS J174 DIW AR14 METTA AR1 HOBEE AR6 ORL	1100-0300
Phoenix (PHX)	LDN J134 LBL J19 ZUN FOSSL-STAR	1100-0300

Terminals	Route	Effective Times (UTC)
Pittsburgh (PIT)	BUFR IHD NESTO-STAR	
Rochester (ROC)	JERES J227 ULW V31 GIBBE	1100-0400
Sarasota/Bradenton (SRQ)	HAFNR GVE J75 TAY J85 GNV LAL	1100-0300
St. Louis (STL)	LDN J134 FLM PXV QBALL-STAR	1100-0300
Syracuse (SYR)	JERES J227 BABEE CFB	
Tampa (TPA)	HAFNR GVE J75 TAY LZARD-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) HAFNR GVE	
	J75 TAY DADES (RNAV)-STAR	1100-0300
Teterboro (TEB)	(non-advanced navigation, turbojet only) JERES	
	J227 J49 J70 LVZ LVZ-STAR	1100-0300
	or	
	(advanced navigation, turbojet only) SWANN	
	JAIKE-STAR	1100-0300
Toledo (TOL)	(FL180 and above) J211 J64 EWC MFD VWV	
West Palm Beach (PBI)	(Water) DAILY J61 EDDYS J174 DIW AR14 METTA	
	AR1 HOBEE SURFN-STAR	1100-0300
	or	
	DAILY J61 HUBBS J193 J121 CHS J79 OMN	
	SURFN-STAR	1100-0300
Windsor Locks (BDL)	SWANN V268 BROSS J42 RBV J222 JFK DPK	
	DPK-STAR	1100-0400
From BALTIMORE (BWI) only		
Albany (ALB)	SWANN-DP OOD J42 RBV LGA LGA055 V487	
	CANAN V130	1100-0300
Boca Raton (BCT)	(Water-Turbojets-GPS or DME/DME-IRU	
	equipped) DAILY J61 HUBBS KEMPR WETRO	
	DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) DAILY J61 HUBBS KEMPR	
	WETRO DIW AR19 AYBID MIMMI NEUBE	
	SWOMP SANZZ CAYSL	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped)	
	DAILY J61 HUBBS J193 HCM ISO J121 CHS	
	J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO	
	J121 CHS J79 OMN TUXXI-STAR	
Boston (BOS)	(Turbojets) SWANN-DP OOD J42 RBV J222 JFK	
	ORW-STAR	
	or	
	(Turboprops) PALEO-DP SIE J121 HTO V308 ORW	
	V16 WOONS	
Bridgeport (BDR)	PALEO-DP SIE J121 MAD193 KEYED	1100-0300
Charleston (CHS)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79	
	CHS	
Chicago (MDW)	AML J149 FWA GOSHEN-STAR	
Chicago (ORD)	AML J149 ROD WATSN (RNAV)-STAR	
	or	
	AML J149 FWA KNOX-STAR	0000-2359
Dayton (DAY)	AML J149 HACKS APE DANEI-STAR	1100-0400
Detroit Metro Wayne Co (DTW)	AML J149 SINDE GEMNI-STAR	
	or	
	MCRAJ J518 DJB DJB314 GEMNI GEMNI-STAR ...	
Fort Lauderdale (FLL, FXE, OPF)	(Turboprops) V93 PXT V213 COLIN HCM J193	
	J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Water-Turboprops) V93 PXT V213 COLIN HCM	
	ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped)	
	DAILY J61 HUBBS J193 HCM ISO J121 CHS	
	J79 OMN FISEL (RNAV)-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH-STAR..... or (Water-Turboprops-GPS or DME/DME-IRU equipped) V93 PXT V213 COLIN HCM ILM AR21 CRANS FISEL (RNAV)-STAR or (Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR or (Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HILL FATHR GISSH-STAR.....	
Fort Myers (FYM, RSW)	(Turbojets-GPS or DME/DME-IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)-STAR ... or (WATER-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC SHFTY (RNAV)-STAR	
Hartford (HFD)	SWANN-DP OOD J42 RBV J222 JFK DPK MAD V1 .	1100-0300
Islip (ISP).....	PALEO-DP SIE J121 SARDI CCC	1100-0300
Jacksonville (JAX).....	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS SSI-STAR.....	
Miami (MIA, TMB, HST).....	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)-STAR or (Turboprops) V93 PXT V213 COLIN HCM J193 J121 CHS J79 OMN ANNEY-STAR or (Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)-STAR..... or (Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSS MILSY BOYUR HILEY KAINS or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY-STAR or (Water-Turboprops-GPS or DME/DME-IRU equipped) V93 PXT V213 COLIN HCM J193 CVI DIW AR22 JORAY HILEY (RNAV)-STAR..... or (Water-Turboprops) V93 PXT V213 COLIN HCM J193 CVI DIW AR22 JORAY OSOGY ENVOY YOSS MILSY BOYUR HILEY KAINS	
Newark (EWR).....	SWANN-DP V445 DQO DYLIN-STAR	1100-0300
	or (GPS or DME/DME IRU equipped) SWANN-DP V445 DQO PHLBO (RNAV)-STAR	1100-0300
Orlando Executive (ORL).....	(GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD(RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC APOLO ORL or (GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR.....	1100-0400
	or (GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Providence (PVD)	SWANN-DP OOD J42 RBV HTO GREEN-STAR	1100-0400

Terminals	Route or	Effective Times (UTC)
Savannah (SAV)	(Turbojets, Non-Advanced Nav only) SWANN-DP OOD J42 RBV HTO V268 MINNK.....	1100-0400
Teterboro (TEB)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	
West Palm Beach (PBI)	(Turbojets, Non-Advanced Nav Only) JERES J227 J49 J70 LVZ LVZ-STAR	1100-0300
	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	1100-0300
	or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR.....	1100-0300
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR.....	
	or (Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI.....	
White Plains (HPN)	SWANN-DP OOD J150 CYN BOUNO-STAR	1100-0300
Windsor Locks (BDL)	SWANN-DP ODD J42 RBV J222 JFK DPK-STAR....	1100-0300
From WASHINGTON DULLES (IAD) only		
Albany (ALB)	SWANN V268 BROSS J42 RBV LGA LGA055 V487 CANAN V130	1100-0400
Boca Raton (BCT).....	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or (Water-Turbojets GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or (Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Bridgeport (BDR)	AML091 PALEO V44 SIE J121 MAD193 KEYED ...	1100-0400
Charleston (CHS)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	1100-0400
Chicago (MDW)	AML J149 FWA GOSHEN-STAR	
Chicago (ORD)	AML J149 ROD WATSN (RNAV)-STAR	
	or AML J149 FWA KNOX-STAR	
Dayton (DAY)	AML J149 HACKS APE DANEI-STAR	1100-0400
Detroit Metro Wayne Co (DTW).....	AML J149 SINDE GEMNI-STAR	
	or MCRAJ J518C DJB DJB314 GEMNI GEMNI-STAR .	
Fort Lauderdale (FLL).....	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or (Turbojets) DAILY J61 HUBBS J193 J121 CHS J79 OMN GISSH-STAR.....	
	or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 VRB BLUFI-STAR	
	or (Water-Turboprops-GPS or DME/DME-IRU equipped) DAILY J61 EDDYS J174 ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water–Turboprops) DAILY J61 EDDYS J174 ILM AR21 CRANS FATHR GISSH–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FATHR GISSH–STAR	
Fort Myers (FMY, RSW)	(Turbojets–GPS or DME/DME–IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)–STAR ...	
	or	
	(WATER–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Hartford (HFD)	SWANN V268 BROSS J42 RBV J222 JFK DPK MAD V1	1100–0300
Islip (ISP)	AML091 PALEO V44 SIE J121 SARDI CCC	1100–0400
Jacksonville (JAX)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN CHS SSI–STAR	
Miami (MIA)	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) V93 PXT V213 COLIN HCM J193 J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSSY MILSY BOYUR HILEY KAINS	
Newark (EWR)	(GPS or DME/DME–IRU equipped) AML SWANN V445 DQO PHLBO (RNAV)–STAR	1100–0400
Orlando Executive (ORL)	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Providence (PVD)	SWANN V268 BROSS J42 RBV HTO GREEN–STAR	1100–0400
	or	
	(Turbojets, Non–Advanced Navigation) SWANN V268 BROSS J42 RBV HTO V268 MINNK	1100–0400
Savannah (SAV)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	
Teterboro (TEB)	(Turbojets, Non–Advanced Nav Only) JERES J227 J49 J70 LVZ LVZ–STAR	1100–0300
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or	
	(Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
White Plains (HPN)	SWANN V268 BROSS J150 CYN BOUNO-STAR	1100-0400
From WASHINGTON NATL (DCA) only		
Albany (ALB)	SWANN V268 BROSS J42 RBV LGA LGA055 V487 CANAN V130	1100-0400
Boca Raton (BCT)	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR	
	or	
	(Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Boston (BOS)	(Turboprops) PALEO-DP SIE J121 HTO V308 ORW V16 WOONS	1100-0400
Bridgeport (BDR)	PALEO V44 SIE J121 MAD193 KEYED	
Charleston (CHS)	(Turbojets) DAILY J161 HUBBS J193 HCM FKN J79 CHS	
Chicago (MDW)	AML J149 FWA GOSHEN-STAR	
Chicago (ORD)	AML J149 ROD WATSN (RNAV)-STAR	
	or	
	AML J149 FWA KNOX-STAR	
Dayton (DAY)	AML J149 HACKS APE DANEI-STAR	1100-0400
Detroit Metro Wayne Co (DTW)	AML J149 SINDE GEMNI-STAR	
	or	
	MCRAJ J518 DJB DJB314 GEMNI GEMNI-STAR ...	
Fort Lauderdale (FLL)	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	
	or	
	(Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH-STAR	
	or	
	(Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HIILL FATHR GISSH-STAR	
	or	
	(Water-Turboprops-GPS or DME/DME-IRU equipped) DAILY J61 EDDYS J174 ILM AR21 CRANS FISEL (RNAV)-STAR	
	or	
	(Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 OMN MLB BLUFI-STAR	
	or	
	(Water-Turboprops) DAILY J61 EDDYS J174 ILM AR21 CRANS HIILL FATHR GISSH-STAR	

Terminals	Route	Effective Times (UTC)
Fort Myers (FMY, RSW)	(Turbojets-GPS or DME/DME-IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)-STAR ... or (Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Hartford (HFD)	SWANN V268 BROSS J42 RBV J222 JFK DPK MAD V1	1100-0400
Islip (ISP)	PALEO V44 SIE J121 SARDI CCC	1100-0400
Jacksonville (JAX)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS SSI-STAR.....	
Miami (MIA, TMB, HST)	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)-STAR	
	or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY-STAR	
	or (Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSSE MILSY BOYUR HILEY KAINS	
Newark (EWR)	(GPS or DME/DME-IRU equipped) SWANN V445 DQO PHLBO (RNAV)-STAR	1100-0400
Orlando Executive (ORL)	(GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR	1100-0400
Orlando Intl (MCO)	(Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC APOLO ORL	
	or (GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 J121 CHS J79 OMN CWRLD (RNAV)-STAR.....	1100-0400
	or (GPS or DME/DME-IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0400
Providence (PVD)	SWANN V268 BROSS J42 RBV HTO GREEN-STAR. or (Turbojets, Non-Advanced Navigation) SWANN V268 BROSS J42 RBV HTO V268 MINK	1100-0400
Savannah (SAV)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	1100-0400
Teterboro (TEB)	(Turbojets, Non-Advanced Nav Only) JERES J227 J49 J70 LVZ LVZ-STAR	1100-0300
West Palm Beach (PBI)	(Turbojets-GPS or DME/DME-IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR	
	or (Water-Turbojets-GPS or DME/DME IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR.....	
	or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI-STAR.....	
	or (Water-Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI.....	
White Plains (HPN)	SWANN V268 BROSS J150 CYN BOUNO-STAR	1100-0400

Terminals	Route	Effective Times (UTC)
WILKES-BARRE/SCRANTON (AVP)		
Cincinnati (CVG).....	(RNAV only) LVZ SEG PSB MAULL KODIE CTW TIGRR (RNAV)-STAR or (all others) LVZ SEG PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR	
WINDSOR LOCKS (BDL)		
Atlanta (ATL)	PWL SAX J77 PTW J48 ODF WHINZ-STAR or (RNAV only) PWL SAX J77 PTW J48 ODF FLCON (RNAV)-STAR.....	
Baltimore (BWI)	PWL CMK J75 MXE V378 BAL	1100-0300
Boca Raton (BCT).....	(Turbojets GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)-STAR or (Turbojets) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI-STAR..... or (Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)-STAR..... or (Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Chicago O'Hare (ORD)	CTR CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	1100-0300
Cincinnati (CVG).....	CTR HNK J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE-STAR.....	
Dallas/Ft Worth (DFW).....	PWL SAX J6 LIT BYP	1100-0300
Detroit Metro Wayne Co (DTW).....	CTR CAM J547 BUF BUF267 YQ0094 QUO SPICA-STAR	1100-0300
Detroit Satellites:		
Ann Arbor (ARB), Pontiac (PTK), Windsor (CYQG), Willow Run (YIP)	SYR J547 YXU PICES-STAR	
	or CTR CAM J547 BUF YQO	1100-0300
Fort Lauderdale (FLL, FXE, OPF)	(Water-Turbojets) COASTAL (HI)-DEP GEDIC J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH-STAR	1100-0300
	or (Water-Turboprops) COASTAL (HI)-DP GEDIC J174 ILM AR21 CRANS HIILL FATHR GISSH-STAR	1100-0300
	or (Turbojets) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN GISSH-STAR.....	1100-0300
	or (Turboprops) COASTAL (HI)-DP GEDIC J174 ORF J121 CHS J79 OMN MLB BLUF-STAR.....	1100-0300
	or (Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)-STAR.....	1100-0300
	or (Water-Turboprops-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ILM AR21 CRANS FISEL (RNAV)-STAR.....	1100-0300
	or (Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)-STAR	1100-0300

Terminals	Route	Effective Times (UTC)
Fort Myers (RSW)	(Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)-STAR.....	
Miami (MIA, TMB, HST)	(Turbojets-GPS or DME/DME equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)-STAR..... or (Turbojets) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN ANNEY-STAR..... or (Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)-STAR..... or (Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSI MILSY BOYUR HILEY KAINS..... or (Turboprops) COASTAL (HI)-DP GEDIC J174 ORF J121 CHS J79 OMN ANNEY-STAR.....	
Minneapolis/St Paul (MSP)	CTR CAM SYR J547 BUF YWT J63 TVC J522 GRB EAU-STAR.....	1100-0300
Orlando Exec (ORL)	COASTAL (HI)-DP GEDIC J174 ORF J121 CHS J79 OMN BITHO-STAR..... or (GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBACK CWRLD (RNAV)-STAR.....	1100-0300
Orlando Intl (MCO)	COASTAL (HI)-DP GEDIC J174 ORF J121 CHS J79 OMN BITHO-STAR..... or (Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL..... or (GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ORF J121 CHS J79 OMN CWRLD (RNAV)-STAR..... or (GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)-STAR.....	1100-0300 1100-0400
Philadelphia (PHL)	COASTAL-DP SHERL J121 BRIGS VCN-STAR.....	1100-0300
Pittsburgh (PIT)	CTR HNK HNK271 J190 SLT GRACE-STAR.....	1100-0300
Raleigh-Durham (RDU)	PWL CMK J75 GVE SBV.....	1100-0300
St. Louis (STL)	PWL SAX J80 VHP VLA-STAR.....	1100-0300
Tampa (TPA)	PWL CMK J75 TAY LZARD-STAR.....	1100-0300
Washington Dulles (IAD)	PWL SAX J6 LRP DELRO-STAR.....	1100-0300
Washington Natl (DCA)	COASTAL-DP GEDIC J174 ATR085 ATR V308 BILIT..... or (GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ATR085 ATR V308 LAFLN BILIT (RNAV)-STAR.....	1100-0300
West Palm Beach (PBI)	(Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)-STAR..... or (Water-Turbojets) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI..... or (Water-Turbojets-GPS or DME/DME-IRU equipped) COASTAL (HI)-DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)-STAR.....	1100-0300

Terminals	Route or (Turbojets) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	Effective Times (UTC)
		1100–0300

SPECIAL HIGH ALTITUDE DIRECTIONAL ROUTES

Terminals	Route	Effective Times (UTC)
Traffic overflying Atlanta Center Eastbound originating South of a line from DFW to JFK:		
GRD J209 RDU J207 FKN J79 JFK DPK		
DPK-STAR		
BOS	(Jet only) GRD J209 RDU J207 FKN J79 JFK ORW-STAR	
	or	
	(Prop only) SIE J121 HTO V308 ORW V16	
BWI	WOONS	
	SPA J14 RIC OTT-STAR	
	or	
	(GPS or DME/DME–IRU equipped) SPA J14	
DCA	RIC RAVNN (RNAV)STAR	
	SPA J14 RIC IRONS–STAR	
	or	
	(GPS or DME/DME–IRU equipped) SPA J14	
	RIC OJAAY (RNAV)–STAR	
EWR	SPA J14 J15 FAK DYLIN–STAR	
IAD	SPA J14 J51 FAK COATT-STAR	
JFK	GRD J209 ORF J121 SIE CAMRN-STAR	
LGA	AHN J208 HPW J191 PXT KORRY–STAR	
PHL	SPA J14 J51 FAK DPNT-STAR	
Traffic originating East of Chicago Terminating Denver:		
DJB	J60 IOW DSM J144 OBH J10 LBF	
	SAYGE–STAR	1300–0100
BAE	J16 MCW ONL J114 SNY LANDR–STAR	
STL	STL J110 GCK J154 RYLIE DANDD–STAR	1300–0100
Traffic overflying Cleveland Center and South of SLT:		
HPN	(Above 250 kts) SLT J190 CFB DNY280 DNY VALRE-STAR	
	or	
	PSB J49 CFB220 CFB DNY280 DNY	
	VALRE-STAR	
	or	
	(250 kts or less) SLT J190 CFB DNY280	
	DNY NOBBI-STAR	
	or	
	PSB J49 CFB220 CFB DNY280 DNY	
	NOBBI-STAR	
Traffic originating South of Wilmington, NC:		
ILM J109 FAK DYLIN–STAR	1100–0300	
JFK	ORF J121 SIE CAMRN-STAR	1100–0300
LGA	ILM TYI HPW J191 PXT KORRY–STAR	1100–0300
Traffic overflying Indianapolis Center area Eastbound:		
BOS	ROD J29 J82 ALB GDM GDM-STAR	1100–0300
JFK	ROD J29 J70 LVZ LENDY-STAR	1100–0300
LGA	ROD J29 J146 MIP-STAR	1100–0300
	or	
	BKW J42 GVE KORRY–STAR	1100–0300
PHL	ROD J152 HAR V210 BUNTS	1100–0300
	or	
	BKW J42 GVE DPNT-STAR	1100–0300
PIT	APE CTW V443 WISKE	
	or	
	HNN JPU V117 WISKE	
TEB/MMU/CDW SATELLITES	(Non–Advanced Nav Aircraft only) ROD J29 JHW J70 LVZ LVZ–STAR	
Traffic overflying Indianapolis Center area Eastbound originating North and West of a line from DFW to JFK:		
ABE	RID CXR H146	

Terminals	Route	Effective Times (UTC)
ACY	ROD J152 HAR LRP DQO ENO SIE	
BDL	ROD J29 JHW J82 WILET RKA SWEDE-STAR	
BWI	ROD J152 J162 MGW EMI-STAR	
CEF	ROD J29 JHW J82 ALB	
FRG	ROD J29 JHW J82 J522 HNK IGN V58 V91 CCC	
HPN	(Above 250 kts) ROD J29 JHW J82 WILET DNY VALRE-STAR	
	or	
	(250 kts or less) ROD J29 JHW J82 WILET DNY NOBBI-STAR	
ISP	(Above 250 kts) ROD J152 J178 PSB J49 HNK J68 V130 TOMES MAD V34 CREAM V16 CCC	
	or	
	(250 kts or less) ROD J152 J78 PSB J49 HNK DNY LOVES-STAR	
TEB/MMU/CDW/LDJ	ROD J29 JHW J70 LVZ-STAR	
Traffic overflying Indianapolis Center area Eastbound originating South and East of a line from DFW to JFK:		
ABE	BKW LDN LDN031 V377 HAR V162 DUMMR	
ACY	BKW J42 OTT SIE	
BWI	BKW J147 CSN OTT-STAR.....	
	or	
	(GPS or DME/DME-IRU equipped) BKW J147 CSN RAVNN (RNAV)-STAR	
DAA	BKW J213 V143 V4 AML	
DCA/ADW	BKW WZRRD-STAR	
	or	
DOV	BKW ELDEE (RNAV)-STAR	
HPN.....	BKW J42 GVE ENO-STAR	
IAD	BKW J42 OOD J150 CYN BOUNO-STAR	1100-1830 and 2230-0300
	BKW ROYIL-STAR	
	or	
	BKW SHNON (RNAV)-STAR	1100-1830 and 2230-0300
	or	
	GSO J14 CREWE J51 FAK COATT-STAR	1830-2230
	or	
	GSO J14 CREWE J51 FAK BARIN (RNAV)-STAR	1830-2230
LFI	BKW J42 MOL J24 HCM	
NSF	BKW J213 FINKS AML259 AML	
PHL	BKW J42 GVE DPNT-STAR	
TEB/MMU/CDW/LDJ	(Advanced-Nav Aircraft only) BKW J42 GVE JAIKE-STAR	
WRI	BKW J42 OTT SIE-STAR	
Traffic overflying Indianapolis (ZID) or Cleveland Centers (ZOB) landing in the Washington Metropolitan Area:		
BWI	MGW EMI-STAR	1100-0300
	or	
	BKW J147 CSN OTT-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) BKW J147 CSN RAVNN (RNAV)-STAR	1100-0300
DCA	APE J30 BUCKO BUCKO-STAR	1100-0300
	or	
	BKW FINKS-STAR.....	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) APE J30 BUCKO ELDEE (RNAV)-STAR	1100-0300
	or	
	(GPS or DME/DME-IRU equipped) BKW ELDEE (RNAV)-STAR	1100-0300
	APE J30 SHAAR WZRRD-STAR	
	or	

Terminals	Route	Effective Times (UTC)
	or	
	APE J30 SHAAR ELDEE	
	or	
	BKW ELDEE (RNAV)–STAR	
	or	
IAD	APE AIR MGW MGW121 VERNI ESL	
	ROYIL–STAR	
	or	
	BKW ROYIL–STAR	
	or	
	HVQ ROYIL–STAR	
	or	
	(GPS or DME/DME–IRU equipped) APE AIR	
	MGW VERNI ESL SHNON (RNAV)–STAR	
	or	
	BKW SHNON (RNAV)–STAR	
	or	
	HVQ SHNON (RNAV)–STAR	
Traffic overflying Elwood City VORTAC (EWC) Northbound:		
ROC	EWC EWC050130 GEE	
BUF	EWC DKK DKK020 WELLA	
SYR	EWC EWC050130	
Traffic entering ZBW originating South and West of a line from HNK to ROC landing HYA/ACK/MVY:		
J16	J16 ALB ENE V167 LFV	1100–0300
J94	J94 ALB ENE V167 LFV	1100–0300
J82	J82 ALB ENE V167 LFV	1100–0300
J190	J190 ALB ENE V167 LFV	1100–0300
HNK	HNK ENE V167 LFV	1100–0300
Traffic entering ZBW via RBV or JFK landing HYA:		
RBV	J62 MVY241 MVY	
	or	
	FLAPE MVY	1100–0300
JFK	J79 MVY241 MVY	
	or	
	FLAPE MVY	1100–0300
Traffic entering ZBW via RBV or JFK landing MVY:		
RBV	LIBBE FLAPE MVY	1100–0300
JFK	J79 MVY241 MVY	
	or	
	LIBBE FLAPE MVY	1100–0300
Traffic entering ZBW via RBV or JFK landing ACK:		
RBV	J62 ACK	
	or	
	FLAPE CLAMY ACK	1100–0300
	or	
	RIFLE DEEPO (RNAV)–STAR	1100–0300
J79 J62 ACK		
	or	
	FLAPE CLAMY ACK	1100–0300
	or	
	RIFLE DEEPO (RNAV)–STAR	1100–0300
Traffic entering ZBW via J174 or J121 landing HYA:		
J121	J121 SHLEP J62 MVY241 MVY	
	or	
	J121 SHLEP LIBBE FLAPE MVY	1100–0300
J174	J174 RIFLE J62 MVY241 MVY	
	or	
	J174 RIFLE FLAPE MVY	1100–0300
Traffic entering ZBW via J174 or J121 landing MVY:		
J121	J121 SHLEP J62 MVY241 MVY	
	or	
	J121 SHLEP LIBBE FLAPE MVY	1100–0300
J174	J174 RIFLE J62 MVY241 MVY	
	or	
	J174 RIFLE LIBBE FLAPE MVY	1100–0300

Terminals	Route	Effective Times (UTC)
Traffic entering ZBW via J174 or J121 landing ACK:		
J121	J121 SHLEP J62 ACK	
	or	
	J121 SHLEP FLAPE CLAMY	1100-0300
J174	J174 RIFLE J62 ACK	
	or	
	J174 RIFLE FLAPE CLAMY	1100-0300
	or	
	J174 RIFLE DEEPO (RNAV)-STAR	1100-0300

HIGH ALTITUDE—SINGLE DIRECTION ROUTES

Airway	Segment Fixes	Direction Effective	Effective Times (UTC)
J6	Lancaster, PA to Little Rock, AR	Southwest	1100-0300
J8	Charleston, WV to Casanova, VA	East	1100-0300
J14	Greensboro, NC to Richmond, VA	Northeast	1100-0300
J22	Montebello, VA to Pulaski, VA	Southwest	1100-0300
J30	Joliet, IL to TRIXY Int., VA	East	1100-0300
J34	Bellaire, OH to TRIXY Int., VA	East	1100-0300
J37	Coyle, NJ to Spartanburg, SC	Southwest	1100-0300
J40	Wilmington, NC to Richmond, VA	North	1100-0300
J42	Texarkana, AR to Robbinsville, NJ	Northeast	1100-0300
J48	Pottstown, PA to Foothills, GA	Southwest	1100-0300
J51	Columbia, SC to Yardley, NJ	Northeast	1100-0300
J52	Columbia, SC to Richmond, VA	Northeast	1100-0300
J55	Florence, SC to HUBBS Int., VA	Northeast	1100-0300
J61	Philipsburg, PA to EDDYS Int., VA	South	1100-0300
J75	Modena, PA to Greensboro, NC	Southwest	1100-0300
J109	Wilmington, NC to Buffalo, NY	North	1100-0300
J134	Linden, VA to Henderson, WV	West	1100-0300
J147	Beckley, WV to Casanova, VA	Northeast	1100-0300
J149	Armcl, VA to Rosewood, OH	West	1100-0300
J150	Gordonsville, VA to Hampton, NY	East	1100-0300
J162	Bellaire, OH to Martinsburg, WV	East	1100-0300
J165	Charleston, SC to Richmond, VA	North	1100-0300
J191	Wilmington, NC to Robbinsville, NJ	North	1100-0300
J193	HUBBS Int., VA to Wilmington, NC	South	1100-0300
J207	Florence, SC to Franklin, VA	Northeast	1100-0300
J208	Athens, GA to Hopewell, VA	Northeast	1100-0300
J209	Greenwood, SC to Norfolk, VA	Northeast	1100-0300
J211	Westminster, MD to Johnstown, PA	Northwest	1100-0300
J213	Beckley, WV to Armcl, VA	East	1100-0300
J518	Baltimore, MD to Indian Head, PA	Northwest	1100-0300

Q-ROUTES

Q-ROUTES REGULATORY

Q1, Q3, Q5, Q7, Q9 and Q11 are preferred single direction (Southbound) Q routes; flight planning Northbound not authorized.

Q routes are RNAV routes that require the use of GNSS or DME/DME/IRU RNAV, unless otherwise indicated. Please note that this section does not apply to Q routes in the Gulf of Mexico. Gulf of Mexico Q routes are explained in the Southeast and South Central A/FD volumes. Q routes listed in this A/FD volume have at least part of one of their leg segments within this volume's area of coverage.

GNSS and DME/DME/IRU RNAV operations are authorized along Q routes at FL 180 and above. GNSS and DME/DME/IRU RNAV MEAs will only be published if above FL 180.

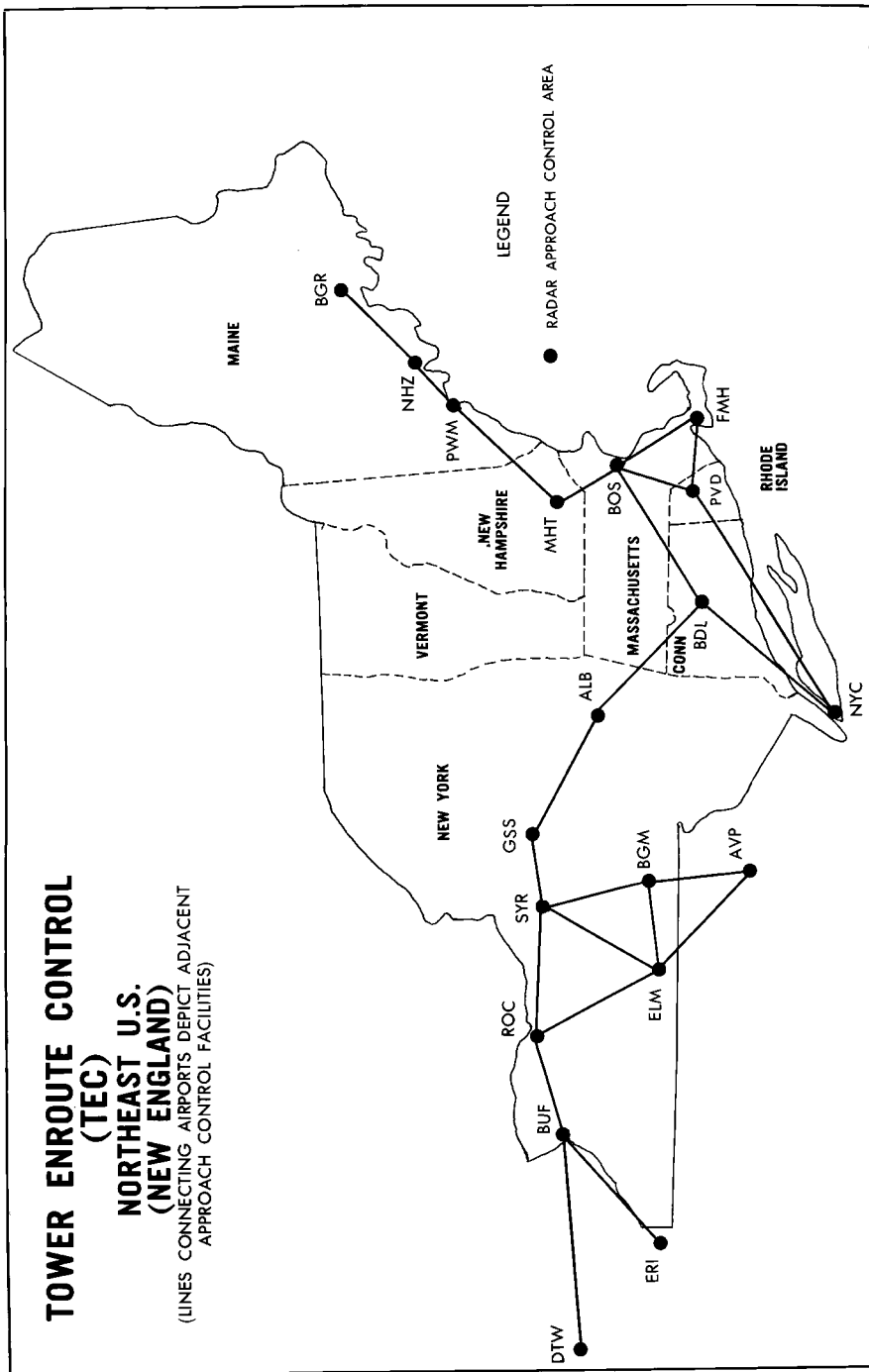
DME facilities that have been assessed for RNAV operations are listed below. Q routes with no DME facilities listed are limited to GNSS RNAV operations only. Those routes will have an enroute chart note "GNSS REQUIRED".

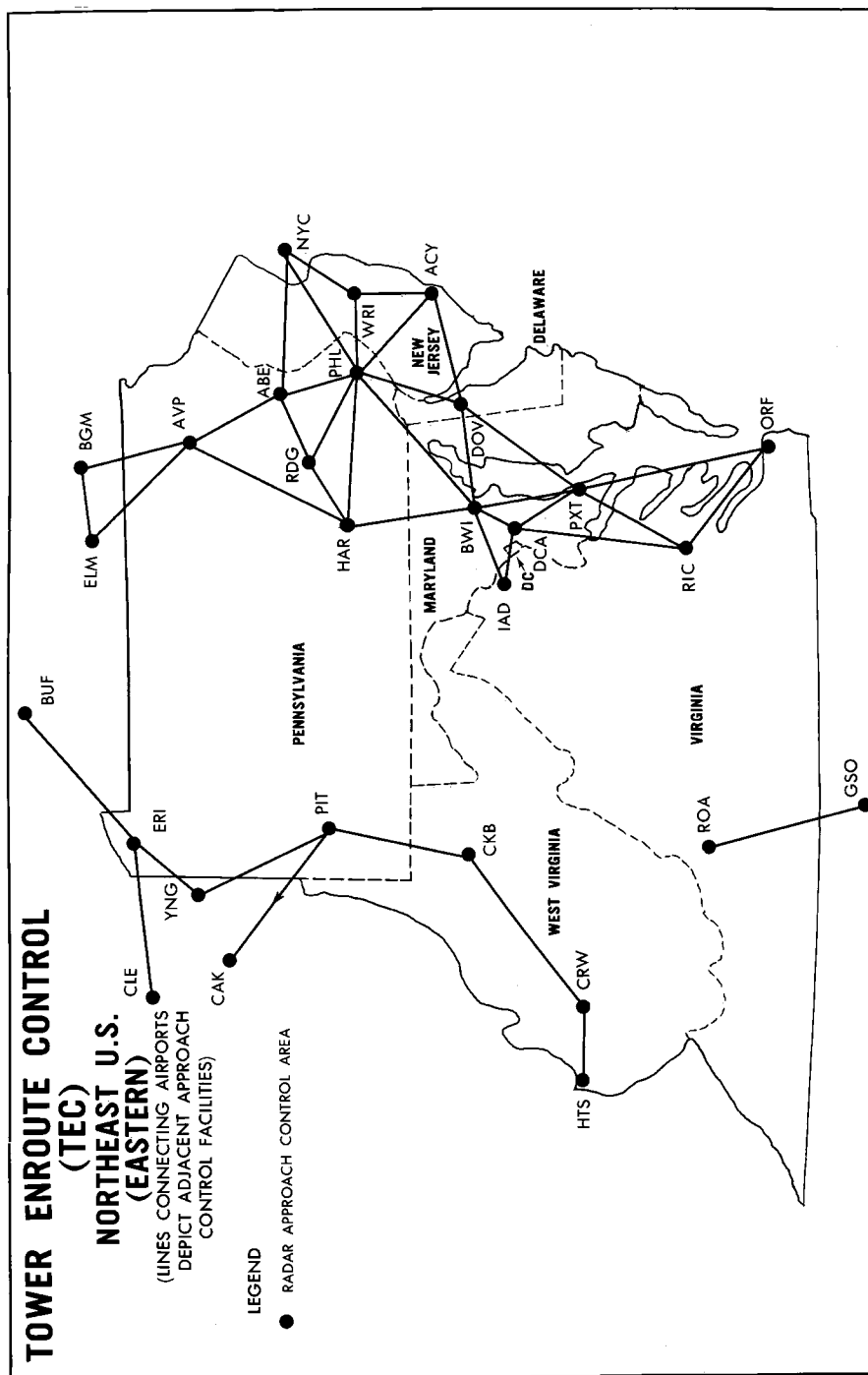
Route	Segment	DME
Q1	ELMAA-ERAVE	BTG, OLM, HQM, HUH, UBG
	ERAVE-EASON	BTG, OLM, HQM, HUH, LTJ, CVO, DSD, OED, UBG, ONP, EUG
	EASON-EBINY	CVO, DSD, OED, BTG, UBG, ONP, EUG, LMT
	EBINY-ENVIE	CVO, OED, EUG, LMT, RBL, ENI, ONP, FJS
	ENVIE-ETCHY	OED, PYE, OAK, LIN, ECA, LMT, RBL, ENI, SAC, FJS
Q2	ETCHY-POINT REYES	LIN, ECA, RBL, ENI, SAC, OAK
	BOILE-HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, PXR
	HEDVI-HOBOL	BZA, GBN, BLH, EED, PXR, IPL, TFD, DRK, TUS
	HOBOL-ITUCO	TFD, GBN, BLH, PXR, TUS, CIE, SSO
	ITUCO-NEWMAN	EWM, TFD, PXR, CIE, SSO, TUS, TCS
Q3	FEPOT-FAMUK	OLM, TOU, HQM, CVO, BTG, DSD, LTJ, UBG, ONP, EUG
	FAMUK-FRFLY	BTG, DSD, OED, CVO, EUG, ONP, UBG, RBL, LMT
	FRFLY-FINER	OED, EUG, RBL, LMT, ENI, CVO, FJS
	FINER-FOWND	OED, PYE, ECA, LIN, OAK, ENI, RBL, LMT, SAC, FJS
	FOWND-POINT REYES	LIN, ECA, PYE, RBL, SAC, ENI
Q4	BOILE-HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, PXR
	HEDVI-SCOLE	EED, BLH, BZA, GBN, TRM, IPL, TFD
	SCOLE-SPTFR	EED, BLH, BZA, GBN, TRM, IPL, TFD
	SPTFR-ZEBOL	EED, IPL, BZA, GBN, TFD, PXR, BLH
	ZEBOL-SKTR	PXR, BLH, BZA, GBN, TFD, TUS, SSO, CIE, SVC, TCS
Q5	SKTR-EL PASO	EWM, CUS, SVC, TCS, SSO, CIE, ELP, DMN, CME
	HAROB-HISKU	OLM, ONP, CVO, EUG, HQM, UBG, BTG, LTJ, DSD, HUH
	HISKU-HARPR	ONP, CVO, EUG, LTJ, DSD, UBG, BTG, RBL, OED, LMT, FJS, LKV
	HARPR-HOMEG	CVO, EUG, OED, RBL, LMT, ENI, FJS, LKV
	HOMEG-HUPTU	SAC, PYE, LIN, OAK, ECA, LMT, RBL, ENI, OED, FJS
Q7	HUPTU-STIKM	OAK, ECA, PYE, LIN, SAC, ENI, RBL
	JINMO-JOGEN	CVO, HQM, LTJ, UBG, BTG, ONP, IMB, EUG, OLM, DSD, YKM, PDT, SEA
	JOGEN-JUNEJ	LTJ, IMB, UBG, EUG, CVO, RBL, LMT, FMG, DSD, LKV, OED, BTG
	JUNEJ-JAGWA	RBL, LMT, FMG, LIN, SAC, ECA, ENI, MOD, SWR, OAK, LKV, CZQ, AVE, SNS
	JAGWA-AVENAL	OAK, MOD, ECA, EHF, PRB, AVE, SNS, CZQ
Q9	SUMMA-SMIGE	OLM, UBG, SEA, YKM, BTG, QNP, IMB, HQM, PDT, EUG, LTJ, CVO, DSD, OED, EPH, MWH
	SMIGE-SUNBE	IMB, UBG, EUG, IMB, RBL, LMT, FMG, SAC, OED, CVO, LKV, DSD, BTG
	SUNBE-REBRG	RBL, LMT, FMG, SAC, ECA, MVA, CZQ, OAK, EHF, PMD, LKV, LIN, MOD, AVE, OED, SWR
	REBRG-DERBB	CZQ, PMD, EHF, LAX, RZS, AVE, MOD, ECA
	PAAGE-PAWLI	EPH, UBG, CVO, EUG, HQM, YKM, OLM, PDT, BTG, ONP, IMB, LTJ, DSD, LKV, OED, SEA
Q11	PAWLI-PITVE	EUG, FMG, SAC, IMB, LKV, OED, DSD, RBL, LMT, CVO, REO
	PITVE-PUSHH	FMG, SAC, LIN, SWR, MOD, OAL, RBL, LKV, LMT, MVA, CZQ
	PUSHH-LOS ANGELES	SAC, ECA, FMG, LIN, OAL, MOD, EHF, LAX, PMD, PDZ, HEC, OCN, CZQ, AVE, RZS
	All segments	None; GNSS required
	All segments	None; GNSS required
Q13	PLESS-NASHVILLE	ENL, GQO, PXV, BNA, IUU, FAM, BWG, CSX
Q15	CORONA-HONDS	CNX, ABQ, ACH, ONM, TXO, LVS, TCC, CME
Q19	HONDS-UNNOS	CNX, INK, CME, TXO, TCC
Q20	UNNOS-FUSCO	FST, ACH, INK, CME, SJT, TXO, TCC
	FUSCO-JUNCTION	ABI, CWK, CSI, INK, LZZ, JCT, SJT, STV, FST
Q21	JONEZ-RAZORBACK	BYP, EOS, TUL, TXK, ADM, RZC, OKM
Q22	GUSTI-OYSTY	AEX, DAS, MCB, LLA, BTR, LCH, HRV, LFT, LEV
	OYSTY-ACMES	RQR, GCV, MCB, BTR, PCU, GPT, HRV, LEV, SJI
	ACMES-CATLN	SJI, MGM, MCB, BFM, GPT, GCV, HRV, CEW, MVC, PCU, MEI

Route	Segment	DME
Q23	FORT SMITH–RAZORBACK	OKM, RZC, EOS, TUL
Q24	LAKE CHARLES–BATON ROUGE	AEX, DAS, LCH, MCB, LFT, BTR
	BATON ROUGE–IRUBE	AEX, LEV, MCB, LCH, RQR, HRV, BTR, GCV, MCB, PCU, SJI, LBY
	IRUBE–PAYTN	GCV, MCB, JYU, PCU, MEI, HRV, CEW, SJI
Q25	MEEOW–WALNUT RIDGE	ELD, MEM, LIT, FAM, RZC
	WALNUT RIDGE–WLSUN	MEM, STL, BWG, PXV, ENL, FAM, ARG, BNA, CSX, TTH
	WLSUN–POCKET CITY	BWG, PXV, ENL, BNA, TTH
Q26	WALNUT RIDGE–DEVAC	LIT, JKS, GQO, MEM, BNA, FAM, ARG, DYR, VUZ, RMG
Q27	FORT SMITH–ZALDA	OKM, SGF, RZC, EOS, TUL
Q28	GRAZN–PYRMD	EIC, LIT, ELD, OKM, TXK
	PYRMD–HAKAT	ARG, LIT, FAM, ELD, SGF, RZC, MEM, TXK
	HAKAT–ESTEE	ARG, LIT, FAM, SGF, MEM
	ESTEE–POCKET CITY	ARG, CSX, FAM, PXV, ENL, MEM, STL, BWG, TTH, BNA
Q29	HARES–MEMPHIS	MEM, ARG, LIT, JAN, ELD, SQS
	MEMPHIS–SIDAE	MEM, PXV, BNA, BWG, ARG, ENL
	SIDAE–POCKET CITY	PXV, TTH, BWG, ENL
Q30	SIDON–VULCAN	GLH, MEM, VUZ, JAN, JYU, MEI, MGM, SQS, RMG
Q31	DHART–JODOX	SQS, LIT, TXK
	JODOX–MARVELL	SQS, LIT, ELD, MEM, ARG
	MARVELL–TIIDE	ARG, BWG, PXV, FAM, LIT, MEM, ENL, TTH
	TIIDE–POCKET CITY	BWG, PXV, ENL, TTH
Q32	EL DORADO–GAGLE	AEX, JAN, MEM, SQS, SWB, ELD, LIT, TXK
	GAGLE–CRAMM	JAN, SQS, MEM, ARG, VUZ, BNA, LIT
	CRAMM–NASHVILLE	BWG, MEM, VUZ, BNA, GQO
	NASHVILLE–SWAPP	BWG, IIU, PXV, VXV, BNA, GQO
Q33	DHART–LITTLE ROCK	AEX, ELD, LIT, TXK, SWB, ARG, MEM, SQS
	LITTLE ROCK–PROWL	ELD, SGF, FAM, LIT, ARG, MEM, RZC, CSX, STL
Q34	TEXARKANA–MATIE	LIT, SWB, TXK, BYP, EIC, ELD, SQS
	MATIE–MEMPHIS	LIT, ARG, MEM, ELD, SQS
	MEMPHIS–SWAPP	BWG, ARG, MEM, MKL, SQS, PXV, BNA, GQO, IIU, VXV
Q35	KIMBERLY–NEERO	LTJ, PDT, DSD, IMB, LKV, BOI, REO, BAM, SDO
	NEERO–WINEN	BQU, SDO, BAM, REO, BVL, ILC, DTA, ELY, CDC, MLF, BCE
	WINEN–CORKR	CDC, BCE, BLD, ILC, MLF, TBC, PGS, INW, DRK
	CORKR–DRAKE	TBC, BCE, BLD, DRK, PGS, FLG, GCN, INW, TFD
Q36	RAZORBACK–TWITS	RZC, MEM, SGF, BUM, TUL, EOS, FAM, ARG, LIT
	TWITS–DEPEC	MEM, GQO, BNA, BWG, FAM, ARG, PXV, IIU
	DEPEC–NASHVILLE	GQO, BWG, BNA, PXV, IIU
	NASHVILLE–SWAPP	VXV, BWG, BNA, GQO, PXV, IIU
Q38	ROKIT–INCIN	DAS, LCH, SWB, IAH, LFK, HUB, AEX
	INCIN–LAREY	JAN, MCB, SWB, AEX
	LAREY–BESOM	JAN, JYU, MEI, SQS, VUZ
Q40	ALEXANDRIA–DOOMS	AEX, SWB, LCH, JAN, HEZ, MCB
	DOOMS–WINAP	JAN, SQS, MEI, MCB
	WINAP–MISLE	MEI, VUZ, JYU
Q42	KIRKSVILLE–STRUK	CID, IOW, UIN, LMN, IRK, BDF, STL, DEC, ENL, CSX
	STRUK–DANVILLE	ENL, IOW, UIN, BDF, DEC, STL, CSX, SPI, TTH, BVT, JOT, VHP, OXI, ENL, OKK, OBK, GIJ, FWA, GSH, IRK
	DANVILLE–MUNCIE	GIJ, SPI, BDF, OBK, OKK, VHP, BVT, DEC, GSH, FWA, JOT, TTH, OXI, ROD, FLM
	MUNCIE–HIDON	FLM, VHP, GSH, TTH, GIJ, OKK, FWA, ROD, OXI, CRL, GSH, APE, DJB, DXO, HNN, AIR, HVQ, CXR, EWC
	HIDON–BUBAA	AIR, APE, HNN, CXR, HVQ, EWC, DJB
	BUBAA–PSYKO	AIR, APE, DJB, CXR, HNN, EWC, SLT, CSN, JHW, ETG, PSB
	PSYKO–BRNAN	PSB, JHW, EWC, AIR, ETG, CSN, EMI, SLT
	BRNAN–MAALS	EMI, SLT, CSN, EWC, PSB, ETG, SAX, RBV, HNK, HUO, SIE
	MAALS–SUZIE	ETG, EMI, CSN, HUO, SIE, JFK, PSB, SLT, HNK
	SUZIE–EAST TEXAS	JFK, EMI, PSB, SLT, HNK, SIE, RBV, SAX, HUO, CYN
	EAST TEXAS–ELIOT	HUO, RBV, EMI, CYN, SAX, JFK, PSB, HNK
Q104	DEFUN–HEVVN	PIE, PZD, CRG, SZW, TAY, JYU, CEW, MGM, OTK, CRG
	HEVVN–PLYER	PIE, ORL, OMN, SRQ, TAY, LAL, CRG, SZW, PZD
	PLYER–SWABE	PIE, ORL, OMN, SRQ, TAY
	SWABE–ST PETERSBURG	LAL, ORL, OMN, SRQ, PHK, PIE
	ST PETERSBURG–CYPRESS	PHK, PBI, SRQ, PIE, VRB, ORL, FLL, LAL, OMN

Route	Segment	DME
Q106	SMELZ-BULZI BULZI-DRABK DRABK-GADAY	LAL, ORL, OMN, PHK, PIE, CRG, VRB, TAY, OTK, PZD, AMG, SZW AMG, PZD, TAY, CRG, SZW, MGM, OTK, JYU, CEW, SJI MGM, PZD, OTK, JYU, SZW, CEW, SJI
Q108	GADAY-CLAWZ	MGM, SJI, CEW, JYU, PZD, OTK, MCN, SZW, LGC, TAY, AMG
Q110	THNDR-JAYMC JAYMC-RVERO RVERO-KPASA KPASA-BRUTS BRUTS-GULFR GULFR-FEONA	SRQ, VRB, PHK, PIE, LAL, VKZ, ORL, PBI VKZ, VRB, PHK, PIE, LAL, SRQ, ORL, OMN, PBI, DHP OMN, PIE, PBI, SRQ, ORL, LAL SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG OMN, AMG, CRG, SZW, PIE, TAY, PZD, OTK TAY, MCN, PZD, CRG, OTK, SZW, AMG, MCN, ATL, MGM
Q112	DEFUN-HEVVN HEVVN-INPIN	PIE, OTK, CRG, OMN, LAL, SZW, SRQ, ORL, VRB JYU, PZD, CEW, SZW, MGM, OTK, TAY, AMG, PIE, CRG
Q116	KPASA-BRUTS BRUTS-GULFR GULFR-CEEYA	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK MCN, AMG, PZD, OTK, SZW, TAY
Q118	BRUTS-LENIE	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK, MCN
Q501	VIXIS-GOPHER	ECK, FNT, APN, SSM, GRR, MBL, SAW, BAE, MNM, DLL, AUW, ODI, STE, FGT, EAU, DLH, GEP, BRD, MCW, MSP, ASP, TVC, GRB, RWF
Q502	GOPHER-SOBME KENPA-GOPHER	FGT, BRD, MCW, GEP, ABR, FAR, DLH, ODI, RWF, FSD SSM, FNT, ECK, APN, SAW, GRB, BAE, DLL, AUW, ODI, FGT, DLH, EAU, MCW, MSP, MNM, ASP, TVC, GEP, RWF, BRD
Q504	GOPHER-SOBME NOTAP-CESNA	FGT, DLH, ODI, MCW, ABR, FAR, MSP, GEP, RWF, FSD, BRD SSM, ECK, APN, GLR, PLN, ISQ, MNM, DLL, RHI, DLH, GEP, FGT, ODI, ASP, TVC, SAW, GRB, BRD
Q505	CESNA-HEMDI OMAGA-RIMBE RIMBE-CESNA CESNA-HEMDI	ODI, GEP, DLH, FGT, RWF, FAR, AXN, FSD, ABR, DLL, BRD SSM, TVC, ASP, SAW, GRB SSM, RHI, DLL, DLH, GEP, FGT, TVC, SAW, GRB, BRD, ODI GEP, DLH, FGT, RWF, FAR, AXN, FSD, ABR, BRD, ODI, GRB

*Denotes Critical DME Facility





TOWER ENROUTE CONTROL (TEC)

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Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as "tower enroute" which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to solicit tower enroute information from FSS's and to use the route descriptions provided in this directory when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. Additional routes and other changes will appear in forthcoming editions as necessary. The acronym "TEC" should be included in the remarks section of the flight plan. This will advise ATC that the pilot intends to remain within approach control airspace for the entire flight. The following items should be noted before using the graphics and route descriptions:

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show general geographic areas connected by tower enroute control. Pilots should refer to route descriptions for specific flight planning.
2. The route description contains four columns of information: i.e., the approach control area (listed alphabetically) within which the departure airport is located (check appropriate flight information publications), the specific route (airway, radial, etc.), the highest altitude allowed for the route, and the destination airport (listed alphabetically). Be advised, many destination airports are associated with a larger primary airport. Check the legend preceding this listing for this association.
3. The word "DIRECT" will appear as the route when radar vectors will be used or no airway exists. Also, this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival Route (STAR) may be applied by ATC.
4. When a NAVAID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC.
5. Routes beginning or ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.
6. Where more than one route is listed to the same destination, the pilot may select which route is desired. Unless otherwise stated, all routes may be flown in either direction.
7. Routes are effective only during each respective terminal facility's normal operating hours. Pilots are cautioned to check NOTAMS to ensure appropriate terminal facilities will be operating for the planned flight time.
8. All identifiers used for NAVAIDS, airports, and intersections are official identifiers.
9. Altitudes are listed in thousands of feet. ATC may require altitude changes to maintain flight within approach control airspace. ATC will provide radar monitoring and, if necessary, course guidance if the highest altitude assigned by ATC is below the Minimum Enroute Altitude (MEA).
10. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in proximity to major airports via the same routing.
11. Flight plans should be filed with a Flight Service Station (FSS).

TOWER ENROUTE CONTROL CITY PAIRS

- (1) Single Engine only.
- (2) Props less than 210 KT IAS.
- (3) Props less than 250 KT IAS.
- (4) Jets and Props greater than 210 KT IAS.
- (5) Jets and Props greater than 250 KTS IAS.

Boston—NO SATS = BED/LWM/BVY/FIT/6B6/2B2

SO SATS = BOS/OWD/1B9/3B2

Bradley = BDL/BAF/CEF/7B2

Bradley/Hartford = HFD/MMK/UJD/4B8

Bradley/Worcester = ORH/3B0/1B6

Manchester = MHT/ASH/CON/LCI

Manchester/Pease = PSM/DAW/3B4

New York/Bridgeport = BDR/HVN/OXC/3B9

Portland = PWM/IWI/NHZ/RKD

Portland/Augusta = AUG/LEW/WVL/IZG/81B

Providence = PVD/EWB/TAN/SFZ/UUU/5B3

Providence/Groton = GON/WST/BIJ/OB8

Approach Control Area (Including Satellites)

Albany

Route	Highest Altitude	Destination
..... ALB GDM V431 LOBBY	10000	Bedford
..... V14 V428 V29	6000	Binghamton
..... ALB GDM V431 REVER	10000	Boston
..... Direct	10000	Bradley
..... V130	10000	Bradley
..... ALB V44 DENNA	10000	Bridgeport
..... V14	10000	Buffalo
..... (3) ALB V123 HAARP	10000	Danbury

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	(4) ALB V157 HAARP	10000	Danbury
	V14 V428	8000	Elmira
	V2	10000	Griffiss
	ALB V130 BDL GON	10000	Groton
	Direct	10000	Hartford
	ALB CTR PVD V151 GAILS	10000	Hyannis
	V14 V428	8000	Ithaca
	ALB EEN MHT	10000	Manchester
	ALB CTR V405 PVD	10000	Marthas Vineyard
	ALB CTR PVD PVD167 NEWBE DEEPO	10000	Nantucket
	ALB GDM V431 LOBBY	10000	Norwood
	ALB CAM CON	10000	Portland
	ALB CON	10000	Portsmouth
	ALB CTR PVD	10000	Providence
	ALB CTR PVD V151 GAILS	10000	Provincetown
	V2	10000	Rochester
	V14 BEEPS	10000	Rochester
	ALB V123 TRESA	10000	Stewart
	ALB V130 MOLDS	10000	Worcester
Allentown	FJC V149 LHY	8000	Albany
	ETX LHY	8000	Albany
	V149 MAZIE ARD CYN	5000	Atlantic City
	V93 LRP	8000	Baltimore
	ETX V162 DUMMR V93 LRP	6000	Baltimore
	V39 LRP	8000	Baltimore
	V130	10000	Bradley
	Direct	10000	Bradley
	FJC STW	5000	Caldwell
	(2) ETX V30 SBJ	5000	Farmingdale
	ETX V162 HAR	8000	Harrisburg
	Direct	10000	Hartford
	ETX ETX004 WEISS	4000	Hazleton
	ETX V39	4000	Lancaster
	(2) ETX BWZ	5000	Newark
	(4) FJC BWZ	6000	Newark
	FJC V149 MAZIE ARD	5000	North Philadelphia
	(2) ETX V29 PTW (piston only)	4000	Philadelphia
	(4) FJC V149 MAIZE (turbojet only)	7000	Philadelphia
	ETX V29 PTW (turboprop only)	5000	Philadelphia
	FJC V6 SEG	8000	Pittsburgh
	ETX V30 SEG	8000	Pittsburgh
	V276 RAV	8000	Pittsburgh
	FJC RAV	8000	Pittsburgh
	ETX V39 FLOAT	4000	Reading
	ETX V164 FQM	6000	Rochester
	FJC V162 HUO	5000	Westchester Co.
	V93 LVZ	7000	Wilkes-Barre
	FJC V149 RITTY	7000	Wilkes-Barre
	ETX V29 PTW	4000	Wilmington
Atlantic City	V229 DIXIE V276 ARD	5000	Allentown
	V1 DIXIE V276 ARD (Single Engine only)	5000	Allentown
	V1 ATR V308 OTT	4000	Andrews AFB
	LEEAH V268 BAL	4000	Baltimore
	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Bangor
	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Bar Harbor
	V1 JFK V229 HFD HFD053 DREEM (Single Engine only)	5000	Boston (North)
	V1 JFK V229 HFD V3 WOONS (Single Engine only)	5000	Boston
	V1 JFK V229 HFD FOSTY WOONS (Single engine and /E, /F, /G only)	5000	Boston
	V1 JFK V229 BDR BDR014 JUDDS (Single Engine only)	5000	Bradley
	V184 ZIGGI JFK 210 JFK V229 BDR (Twins only, n/a between 1400-2100)	5000	Bridgeport
	HOWIE V1 JFK V229 BDR (Single engine only)	5000	Bridgeport
	V184 OOD DQO V469 HAR	4000	Capital City

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... LEEAH V268 ENO	4000	Dover
..... LEEAH V268 BAL BAL294 KROLL AML (No jets)	4000	Dulles
..... LEEAH V229 PXT V16 V286 CSN (Jets only)	4000	Dulles
..... V268 ENO V29 AVP V147	4000	Elmira
..... V1 JFK BDR MAD MAD126 MONDI (Single Engine only)	5000	Groton
..... V184 OOD DQO V469	4000	Harrisburg
..... V1 JFK V229 (Single engine only)	5000	Hartford
..... V1 JFK V229 HFD V167 PVD V151 GAILS (Single Engine only)	5000	Hyannis
..... V1 JFK CCC (Single Engine only)	5000	Islip
..... V184 ZIGGI JFK210 JFK CCC (No Single Engine; n/a btn 1400-2100 local)	5000	Islip
..... V1 JFK (Single Engine only)	5000	Kennedy
..... V184 ZIGGI JFK210 JFK (Jets/multiengine Props only; no OTFC)	5000	Kennedy
..... V1 DIXIE V276 RBV V123 NANCI (Single Engine only)	5000	LaGuardia
..... V229 DIXIE V276 RBV V123 NANCI (No Single Engine)	5000	LaGuardia
..... V229 DIXIE V276 RBV V123 NANCI (Jets only)	7000	LaGuardia
..... V184 OOD DQO DQO319 LRP144 LRP	4000	Lancaster
..... HOWIE V1 CYN	5000	McGuire AFB
..... VCN V16 CYN	7000	McGuire AFB
..... V229 PANZE (Helicopters only)	3000	McGuire AFB
..... SIE V44 PANZE	5000	McGuire AFB
..... SIE V139 HARBO	5000	McGuire AFB
..... V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Manchester
..... V1 JFK V229 BDR MAD (Single Engine only)	5000	Meriden Markham
..... V1 JFK V229 BDR MAD V475 V188 GON V374 (Single engine only)	5000	Martha's Vineyard
..... V1 JFK V229 BDR MAD V475 V188 GON	5000	Nantucket
..... V58 NEWBE DEEPO (Single Engine only)	5000	Newark
..... V229 DIXIE V276 RBV RBV005 OWBIE (Non-jets only)	5000	Newark
..... V229 DIXIE V276 RBV V249 METRO	5000	Newark
..... V229 DIXIE V276 RBV RBV005 OWBIE (Jets only)	6000	Newark
..... V1 JFK V229 BDR MAD V475 V188 GON V374 MINNK (Single Engine only)	5000	New Bedford
..... V229 DIXIE V276 ARD	5000	North Philadelphia
..... ACY V184 OOD	4000	Philadelphia
..... V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Portland
..... V1 JFK V229 BDR MAD V475 V188 GON (Single Engine only)	5000	Providence
..... V1 JFK V229 HFD V167 PVD V151 GAILS (Single Engine only)	5000	Provincetown
..... V1 JFK V229 BDR MAD V475 V188 GON (Single Engine only)	5000	Quonset
..... V184 OOD DQO MXE MXE334 HUMEL	4000	Reading
..... V1 SBY	6000	Salisbury
..... SIE V139	4000	Snow Hill
..... V1 ATR	6000	Snow Hill
..... V1 JFK V229 BDR MAD V475 V188 GON V374 MINNK (Single Engine only)	5000	Taunton Muni
..... V229 PANZE V184 ZIGGI V276 RBV V249 METRO (Turbojet only)	4000	Teterboro
..... LEEAH V1 ATR V308 OTT (Props only)	4000	Washington
..... V229 DIXIE V276 RBV V249 SAX V39 BREZY (Multi-engine Props only)	5000	Westchester Co.
..... V1 DIXIE V276 RBV V249 SAX V39 BREZY (Multi-engine props only)	5000	Westchester Co.
..... V1 JFK V229 HFD V1 GRAYM (Single Engine only)	5000	Worcester

Approach Control Area
(Including Satellites)
Baltimore

Route	Highest Altitude	Destination
V93 LRP V39 ETX	7000	Allentown
V268 LEEAH V229	7000	Atlantic City
V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Bangor
V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Bar Harbor
V93 LRP V499	7000	Binghamton
V268 ENO V16 JFK V229 HFD HFD053 DREEM (Single engine only)	7000	Boston (North)
V268 ENO V16 JFK V229 HFD V3 WOONS (Single Engine only)	7000	Boston
V268 ENO V16 JFK V229 HFD FOSTY WOONS (Single engine and /E, /F, /G only)	7000	Boston
V268 ENO V16 JFK V229 BDR BDR014 JUDDS (Single Engine only)	7000	Bradley
V268 ENO V16 JFK V229 BDR (Single Engine only)	7000	Bridgeport
V31 HAR	7000	Capital City
V268 ENO Direct	7000	Dover AFB
V268 ENO V16 JFK V229 BDR MAD MAD126 MONDI (Single Engine only)	5000	Dulles
EMI EMI321 HGR089 HGR HAR	7000	Groton
V268 ENO V16 JFK	6000	Hagerstown
V268 ENO V16 JFK (Single Engine)	7000	Harrisburg
V214 DQO V479 RUUTH V123 Nanci	7000	Islip
V499 LRP	7000	Kennedy
V214 DQO OOD V312 CYN GXU	7000	LaGuardia
V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Lancaster
V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V374 MVY (Single Engine only)	5000	McGuire
V214 MRB	7000	Manchester
V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine only)	7000	Martha's Vineyard
BAL V378 MXE ARD V214 METRO (-180 kts only)	8000	Martinsburg
V93 PXT V16 V33 V286 STEIN	7000	Nantucket
V214 DQO (Non turbojets only)	5000	Newark
V166 DQO (Non turbojets only)	6000	Norfolk
V419 MXE (Non turbojets only)	5000	N. Philadelphia
V378 MXE (Non turbojets only)	5000	N. Philadelphia
V214 DQO (Turbojets only except ILG/N92)	5000	N. Philadelphia
V93 PXT	9000	N. Philadelphia
V214 DQO (Non turbojets only)	6000	Patuxent River
V214 DQO (Turbojets only)	7000	Philadelphia
V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	9000	Philadelphia
V93 PXT V16	7000	Portland
BAL BAL133 SBY332 SBY	6000	Richmond
V268 ENO V16 JFK CCC (Single Engine)	5000	Salisbury
BAL V378 MXE V3 SBJ TEB (-180 kts only)	7000	Suffolk
DIRECT	7000	Teterboro
V93 LRP V39 V162 FJC STW SAX V39 BREZY	4000	Washington
V93 LRP ETX FJC BWZ SAX V39 BREZY	7000	Westchester Co
V93 LVZ	7000	Westchester Co
	7000	Wilkes Barre

Bangor

ENE LWM	10000	Bedford
(3) ENE PSM PSM221 STEVO LWM	10000	Boston
(4) ENE V167 SCUPP	10000	Boston
ENE V106 GDM V229 WITNY	10000	Bradley
CLOWW WITNY (/E, /F, /G only)	10000	Bradley
ENE V106 GDM V229 HFD	10000	Bridgeport
CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
AUG V39 CON	10000	Concord
(3) AUG V39 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR	10000	Danbury
	..... BDR288 RYMES (/E, /F, /G only)		
	..... AUG V39 GDM V14 ORW GON	10000	Groton
	..... AUG V39 GDM V229 HFD	10000	Hartford
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
	..... ENE V139 TONNI	10000	Hyannis
	..... ENE V106 GDM V14 ORW V16 CCC	10000	Islip
	..... ENE V106 GDM V14 ORW V16 DPK	10000	Kennedy
	..... ENE MHT	10000	Manchester
	..... ENE V139 TONNI	10000	Marthas Vineyard
	..... ENE V139 TONNI	10000	Nantucket
	..... (3) CLOWW WITNY HFD V3 CMK V623 SAX	10000	Newark & SATS
	..... (/E, /F, /G only)		
	..... (3) ENE V106 GDM V3 CMK V188 SAX	10000	Newark & SATS
	..... (1) CLOWW WITNY HFD V229 V188 CMK V623	10000	Newark & SATS
	..... SAX (/E, /F, /G only)		
	..... (1) ENE V106 GDM V229 SEALL V188 SAX	10000	Newark & SATS
	..... ENE LWM	10000	Norwood
	..... ENE V139 BURDY	10000	Providence
	..... ENE V139 TONNI	10000	Provincetown
	..... AUG V39 CON V93 STUBY V205 TRESA	10000	Stewart
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR	10000	White Plains
	..... BDR288 RYMES (/E, /F, /G only)		
	..... ENE V106 GDM V229 SPENO	10000	Worcester
Binghamton	..... V29 LVZ V613	8000	Allentown
	..... V252 GEE V14	8000	Buffalo
	..... V270	8000	Elmira
	..... V423	8000	Ithaca
	..... V29 LVZ V613 FJC ARD	8000	N. Philadelphia
	..... V29 PTW	8000	Philadelphia
	..... V423 ITH	8000	Rochester
	..... V29	8000	Syracuse
	..... V29 LVZ V226 MUGZY	8000	Teterboro
	..... V29	8000	Wilkes-Barre
Boston	..... GLYDE V270 CTR	10000	Albany
	..... (1) V419 V14 ORW V16 JFK V229	10000	Atlantic City
	..... (1) V268 HTO CCC V16 V229	10000	Atlantic City
	..... V419 V14 ORW V308 BRIGS	10000	Atlantic City
	..... V268 BRIGS	10000	Atlantic City
	..... PSM ENE	10000	Augusta
	..... (1) V419 V14 ORW V16 V44 V268	10000	Baltimore
	..... (1) V268 HTO CCC V16 V44 V268	10000	Baltimore
	..... V419 V14 ORW HTO V268	10000	Baltimore
	..... V268	10000	Baltimore
	..... PSM ENE BGR	10000	Bangor
	..... PSM ENE	10000	Bar Harbor
	..... BOSOX V419 WITNY	10000	Bradley
	..... BOSOX V1 HFD	10000	Bridgeport
	..... V268 SEY V34 CREAM	10000	Bridgeport
	..... V270 CTR V146 V14	10000	Buffalo
	..... MHT V141	10000	Burlington
	..... MHT CON	10000	Concord
	..... (3) BOSOX V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (5) GLYDE BAF IGN V157 HAARP	10000	Danbury
	..... (1) V419 V14 ORW V16 ENO	10000	Dover AFB
	..... (1) V268 HTO CCC V16 ENO	10000	Dover AFB
	..... V419 V14 ORW HTO V268 ENO	10000	Dover AFB
	..... V268 ENO	10000	Dover AFB
	..... GLYDE V270	10000	Elmira
	..... GLYDE V270	10000	Erie
	..... PVD	10000	Groton
	..... BOSOX V1 HFD	10000	Hartford
	..... DRUNK V141 GAILS	10000	Hyannis
	..... V419 V14 ORW V16 CCC	10000	Islip
	..... V268 HTO V46 CCC	10000	Islip
	..... MHT	10000	Keene
	..... V419 V14 ORW V16 DPK	10000	Kennedy
	..... V268 HTO V46 DPK	10000	Kennedy
	..... (3) BOSOX V1 MAD V475	10000	LaGuardia

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... MHT	10000	Lebanon
	..... MHT	10000	Manchester
	..... MVY359035 MVY	10000	Martha's Vineyard
NO SATS	..... (1) V419 V14 ORW V16 CYN	10000	McGuire AFB
SO SATS	..... (1) V268 HTO CCC V16 CYN	10000	McGuire AFB
NO SATS	..... V419 V14 ORW V308 DRIFT V312 CYN	10000	McGuire AFB
SO SATS	..... V268 DRIFT V312 CYN	10000	McGuire AFB
	..... DRUNK V141	10000	Nantucket
	..... (1) BOSOX V1 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	..... (3) BOSOX V1 HFD V3 CMK V623 SAX	10000	Newark & SATS
NO SATS	..... BOSOX V1 HFD	10000	New Haven
SO SATS	..... V268 SEY V34 CREAM	10000	New Haven
NO SATS	..... (1) V419 V14 ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
SO SATS	..... (1) V268 HTO CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
NO SATS	..... V419 V14 ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
SO SATS	..... V268 MANTA V276 ARD	10000	N.E. Philadelphia
NO SATS	..... (1) V419 V14 ORW V16 VCN OOD	10000	Philadelphia
SO SATS	..... (1) V268 HTO CCC V16 VCN OOD	10000	Philadelphia
NO SATS	..... V419 V14 ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
SO SATS	..... V268 BRIGS ACY V184 OOD	10000	Philadelphia
	..... PSM ENE	10000	Portland
	..... Direct	10000	Portsmouth
	..... Direct	10000	Providence
	..... Direct	10000	Provincetown
NO SATS	..... (1) V419 V14 ORW V16	10000	Richmond
SO SATS	..... (1) V268 HTO CCC V16	10000	Richmond
NO SATS	..... V419 V14 ORW HTO V268 ENO V16	10000	Richmond
SO SATS	..... V268 ENO V16	10000	Richmond
	..... BOSOX V419 BDL V205 TRESA	10000	Stewart
	..... MHT V490 UCA	10000	Syracuse
NO SATS	..... (1) V419 V14 ORW V16 DIXIE V276 RBV	10000	Trenton
SO SATS	..... (1) V268 HTO CCC V16 DIXIE V276 RBV	10000	Trenton
NO SATS	..... V419 V14 ORW V308 MANTA V276 RBV	10000	Trenton
SO SATS	..... V268 MANTA V276 RBV	10000	Trenton
	..... (3) BOSOX V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
NO SATS	..... V419 V14 ORW V16 CREAM HTO	10000	Westhampton Bch
NO SATS	..... V268 HTO	10000	Westhampton Bch
	..... Direct	10000	Worcester
Boston ARTCC/Keene	..... GDM V431 LOBBY	10000	Bedford
	..... V431 REVER	10000	Boston
	..... Direct	10000	Bradley
	..... GDM V229 HFD	10000	Bridgeport
	..... (3) GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... GDM V14 ORW GON	10000	Groton
	..... GDM V229 HFD	10000	Hartford
	..... GDM V151 GAILS	10000	Hyannis
	..... GDM V151 PVD V405 MVY	10000	Marthas Vineyard
	..... GDM V151 PVD PVD167 NEWBE DEEPO	10000	Nantucket
	..... GDM V431 LOBBY	10000	Norwood
	..... GDM V151 PVD	10000	Providence
	..... GDM V151 GAILS	10000	Provincetown
	..... CTR V93 STUBY V205 TRESA	10000	Stewart
	..... GDM V229 SPENO	10000	Worcester
Boston ARTCC/Lebanon	..... LEB LEB167 BASUU (BED/FIT/6B6) or V141 CON LWM (BVY/LWM/2B2)	10000	Bedford
	..... V141 CON CON135 TOMIE LWM	10000	Boston
	..... EEN	10000	Bradley
	..... V151 GDM V229 HFD	10000	Bridgeport
	..... V151 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... V151 GDM V14 ORW GON	10000	Groton
	..... V151 GDM V229 HFD	10000	Hartford
	..... V141 CON LWM BOS GAILS	10000	Hyannis
	..... V141 CON LWM BOS	10000	Marthas Vineyard
	..... V141 CON LWM BOS LFV	10000	Nantucket
	..... LEB LEB167 BASUU	10000	Norwood
	..... V151 PVD	10000	Providence

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	..... V141 CON LWM BOS	10000	Provincetown
	..... V151 GDM V229 SPENO	10000	Worcester
Bradley	..... DIRECT	10000	Albany
	..... PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	..... (1) GON CCC V16 JFK V229	10000	Atlantic City
	..... GON HTO V308 BRIGS	10000	Atlantic City
	..... EEN V93 CON	10000	Augusta
	..... (1) GON CCC V16 ENO V268	10000	Baltimore
	..... GON HTO V268	10000	Baltimore
	..... EEN V93 CON V39 AUG	10000	Bangor
	..... EEN V93 ENE	10000	Bar Harbor
	..... GRAYM HFD053 DREEM	10000	Bedford & NO SATS
	..... PUT PUT 105 WOONS	10000	Boston & SO SATS
	..... HFD	10000	Bridgeport
	..... ALB V14	10000	Buffalo
	..... EEN V93 CON	10000	Concord
	..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (5) V405 VEERS IGN V157 HAARP	10000	Danbury
	..... (1) GON CCC V16 ENO	10000	Dover AFB
	..... GON HTO V268 ENO	10000	Dover AFB
	..... CTR V270	10000	Elmira
	..... CTR V270	10000	Erie
	..... HFD GON	10000	Groton
	..... PVD V151 GAILS	10000	Hyannis
	..... GON CCC	10000	Islip
	..... DIRECT	10000	Keene
	..... GON CCC V16 DPK	10000	Kennedy
	..... (3) HFD V1 MAD V475	10000	LaGuardia
	..... EEN V151	10000	Lebanon
	..... EEN	10000	Manchester
	..... PVD V405 MVY	10000	Marthas Vineyard
	..... (1) GON CCC V16 CYN	10000	McGuire AFB
	..... GON HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	..... PVD PVD167 NEWBE DEEPO	10000	Nantucket
	..... (1) HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	..... (3) HFD V3 CMK V623 SAX	10000	Newark & SATS
	..... (1) GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	..... GON HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	..... PUT PUT105 WOONS	10000	Norwood
	..... (1) GON CCC V16 VCN OOD	10000	Philadelphia
	..... GON HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	..... EEN	10000	Portland
	..... (3) VAPER V39 GDM V106 RAYMY	10000	Portsmouth
	..... (5) EEN	10000	Portsmouth
	..... DIRECT	10000	Providence
	..... PVD V151 GAILS	10000	Provincetown
	..... (1) GON CCC V16	10000	Richmond
	..... GON HTO V268 ENO V16	10000	Richmond
	..... ALB	10000	Rochester
	..... VEERS V205 TRESA	10000	Stewart
	..... ALB	10000	Syracuse
	..... (1) GON CCC V16 DIXIE V276 RBV	10000	Trenton
	..... GON HTO V308 MANTA V276 RBV	10000	Trenton
	..... GON HTO	10000	Westhampton Beach
	..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	..... PWL V106 LHY	5000	Wilkes-Barre
Bradley/Hartford	..... DIRECT	10000	Albany
	..... PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	..... (1) GON CCC V16 JFK V229	10000	Atlantic City
	..... GON HTO V308 BRIGS	10000	Atlantic City
	..... HFD V229 GDM V39 CON	10000	Augusta
	..... HFD CLOWW (/E, /F, /G only)	10000	Augusta
	..... (1) GON CCC V16 ENO V268	10000	Baltimore
	..... GON HTO V268	10000	Baltimore
	..... HFD V229 GDM V39 AUG	10000	Bangor
	..... HFD CLOWW (/E, /F, /G only)	10000	Bangor
	..... HFD V229 GDM V106 ENE	10000	Bar Harbor
	..... HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	..... HFD HFD053 DREEM	10000	Bedford & NO SATS

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... HFD V3 WOONS	10000	Boston & SO SATS
..... DIRECT	10000	Bridgeport
..... ALB V14	10000	Buffalo
..... HFD V229 GDM V39 CON	10000	Concord
..... HFD CLOWW (/E, /F, /G only)	10000	Concord
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) BDL V405 VEERS IGN V157 HAARP	10000	Danbury
..... (1) GON CCC V16 ENO	10000	Dover AFB
..... GON HTO V268 ENO	10000	Dover AFB
..... CTR V270	10000	Elmira
..... CTR V270	10000	Erie
..... HFD GON	10000	Groton
..... HFD V167 PVD V151 GAILS	10000	Hyannis
..... GON CCC	10000	Islip
..... HFD V229 GDM	10000	Keene
..... GON CCC V16 DPK	10000	Kennedy
..... (3) HFD V1 MAD V475	10000	LaGuardia
..... HFD V229 GDM V151	10000	Lebanon
..... HFD V229 GDM V106 MHT	10000	Manchester
..... HFD CLOWW (/E, /F, /G only)	10000	Manchester
..... GON V374 MYY	10000	Marthas Vineyard
..... (1) GON CCC V16 CYN	10000	McGuire AFB
..... GON HTO V308 DRIFT V312 CYN	10000	McGuire AFB
..... GON V58 NEWBE DEEPO	10000	Nantucket
..... (1) HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) HFD V3 CMK V623 SAX	10000	Newark & SATS
..... (1) GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... GON HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... PUT PUT105 WOONS	10000	Norwood
..... (1) GON CCC V16 VCN OOD	10000	Philadelphia
..... GON HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... HFD V229 GDM V106 ENE	10000	Portland
..... HFD CLOWW (/E, /F, /G only)	10000	Portland
..... HFD V229 GDM V106 RAYMY	10000	Portsmouth
..... HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
..... HFD V167 PVD	10000	Providence
..... PVD V151 GAILS	10000	Provincetown
..... (1) GON CCC V16	10000	Richmond
..... GON HTO V268 ENO V16	10000	Richmond
..... ALB	10000	Rochester
..... VEERS V205 TRESA	10000	Stewart
..... ALB	10000	Syracuse
..... (1) GON CCC V16 DIXIE V276 RBV	10000	Trenton
..... GON HTO V308 MANTA V276 RBV	10000	Trenton
..... GON HTO	10000	Westhampton Beach
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... PWL V106 LHY	5000	Wilkes-Barre
..... CTR	10000	Albany
..... PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
..... (1) ORW V16 JFK V229	10000	Atlantic City
..... ORW HTO V308 BRIGS	10000	Atlantic City
..... GDM V93 CON	10000	Augusta
..... (1) ORW V16 ENO V268	10000	Baltimore
..... ORW HTO V268	10000	Baltimore
..... GDM V39 AUG	10000	Bangor
..... GDM V106 ENE	10000	Bar Harbor
..... DREEM	10000	Bedford & NO SATS
..... PUT PUT105 WOONS	10000	Boston & SO SATS
..... HFD	10000	Bridgeport
..... CTR ALB V14	10000	Buffalo
..... GDM	10000	Concord
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) BAF IGN V157 HAARP	10000	Danbury
..... (1) ORW V16 ENO	10000	Dover AFB
..... ORW HTO V268 ENO	10000	Dover AFB
..... CTR V270	10000	Elmira
..... CTR V270	10000	Erie
..... ORW GON	10000	Groton
..... PUT V151 GAILS	10000	Hyannis
..... ORW V16 CCC	10000	Islip

Bradley/Worcester

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... GDM	10000	Keene
..... ORW V16 DPK	10000	Kennedy
..... (3) HFD V1 MAD V475	10000	LaGuardia
..... GDM V151	10000	Lebanon
..... GDM V106 MHT	10000	Manchester
..... PUT V151 PVD V405 MVY	10000	Marthas Vineyard
..... (1) ORW V16 CYN	10000	McGuire AFB
..... ORW V308 DRIFT V312 CYN	10000	McGuire AFB
..... PUT V151 PVD PVD167 NEWBE DEEPO	10000	Nantucket
..... (1) HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) HFD V3 CMK V623 SAX	10000	Newark & SATS
..... (1) ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... PUT PUT105 WOONS	10000	Norwood
..... (1) ORW V16 VCN OOD	10000	Philadelphia
..... ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... GDM V106 ENE	10000	Portland
..... GDM V106 RAYMY	10000	Portsmouth
..... PUT PVD	10000	Providence
..... PUT V151 GAILS	10000	Provincetown
..... (1) ORW V16	10000	Richmond
..... ORW HTO V268 ENO V16	10000	Richmond
..... CTR ALB	10000	Rochester
..... VEERS V205 TRESA	10000	Stewart
..... CTR ALB	10000	Syracuse
..... (1) ORW V16 DIXIE V276 RBV	10000	Trenton
..... ORW V308 MANTA V276 RBV	10000	Trenton
..... ORW HTO	10000	Westhampton Beach
..... (3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... PWL V106 LHY	5000	Wilkes-Barre

Bridgeport (See New York/Bridgeport)

Buffalo	..... V2	10000	Detroit
	..... V14	10000	Erie
	..... V115	10000	Jamestown
	..... V2	10000	Rochester
Burlington	..... CAM	10000	Albany
	..... V141 LEB LEB167 BASUU	10000	Bedford
	..... V141 CON LWM	10000	Beverly
	..... (3) V141 CON TOMIE LWM	10000	Boston
	..... EEN	10000	Bradley
	..... ALB V44 DENNA	10000	Bridgeport
	..... (3) ALB V123 HAARP	10000	Danbury
	..... (4) ALB V157 HAARP	10000	Danbury
	..... V229 GDM V14 ORW GON	10000	Groton
	..... V229 HFD	10000	Hartford
	..... V141 CON LWM BOS GAILS	10000	Hyannis
	..... V141 CON LWM BOS	10000	Marthas Vineyard
	..... V141 CON LWM BOS LFV	10000	Nantucket
	..... V229 SPENO	10000	Norwich
	..... V141 LEB LEB167 BASUU	10000	Norwood
	..... V229 GDM V151 PVD	10000	Providence
	..... V141 CON LWM BOS	10000	Provincetown
	..... ALB V123 TRESA	10000	Stewart
Cape/Hyannis	..... PVD V146	10000	Albany
	..... MVY MVY230 V34 SEY HTO V308 BRIGS	10000	Atlantic City
	..... (1) MINNK V374 GON CCC V16 JFK V229	10000	Atlantic City
	..... FREDO BOS PSM ENE	10000	Augusta
	..... MVY MVY230 V34 SEY HTO V268	10000	Baltimore
	..... (1) MINNK V374 GON CCC V16 ENO V268	10000	Baltimore
	..... FREDO BOS PSM ENE BGR	10000	Bangor
	..... FREDO BOS PSM ENE	10000	Bar Harbor
	..... FREDO	10000	Bedford
	..... FREDO	10000	Boston & Sats
	..... PVD V405 BDL	10000	Bradley
	..... (water) MVY MVY230 V34 SEY HTO HTO302	10000	Bridgeport
	..... KEYED		

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (land) MINNK V374 CREAM	10000	Bridgeport
..... PVD V146 ALB V14	10000	Buffalo
..... PVD V151 GDM V229	10000	Burlington
..... FREDO BOS MHT CON	10000	Concord
..... (3) PVD HFD V1 MAD V475 BDR BDR288	10000	Danbury
..... RYMES		
..... (5) PVD V146 BAF V157 HAARP	10000	Danbury
..... MVY MVY230 V34 SEY HTO V268 ENO	10000	Dover AFB
..... (1) MINNK V374 GON CCC V16 ENO	10000	Dover AFB
..... PVD V146 CTR V270	10000	Elmira
..... PVD V146 CTR V270	10000	Erie
..... (5) MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Farmingdale
..... (1) MINNK V374 GON CCC V16 DPK	10000	Farmingdale
..... Direct	10000	Groton
..... PVD HFD	10000	Hartford
..... (5) MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Islip
..... (1) MINNK V374 GON CCC	10000	Islip
..... PVD V151 GDM	10000	Keene
..... (5) MVY MVY230 V34 SEY HTO V46 DPK	10000	Kennedy
..... (1) MINNK V374 GON CCC V16 DPK	10000	Kennedy
..... PVD V167 HFD VI MAD V475	10000	LaGuardia
..... PVD V151	10000	Lebanon
..... FREDO BOS	10000	Manchester
..... MVY MVY230 V34 SEY HTO V308 DRIFT V312	10000	McGuire AFB
..... CYN		
..... (1) MINNK V374 GON CCC V16 CYN	10000	McGuire AFB
..... (1) PVD V167 HFD V229 SEALL V188 CMK	10000	Newark & SATS
..... V623 SAX		
..... (3) PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
..... MVY MVY230 V34 SEY V268 HTO V46 CCC V16	10000	N.E. Philadelphia
..... DIXIE V276 ARD		
..... (1) MINNK V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... FREDO	10000	Norwood
..... MVY MVY230 V34 SEY HTO V308 BRIGS ACY	10000	Philadelphia
..... V184 OOD		
..... (1) MINNK V374 GON CCC V16 VCN OOD	10000	Philadelphia
..... FREDO BOS PSM ENE	10000	Portland
..... FREDO BOS	10000	Portsmouth
..... Direct	10000	Providence
..... MVY MVY230 V34 SEY HTO V308 CHOPS V16	10000	Richmond
..... (1) MINNK V374 GON CCC V16	10000	Richmond
..... PVD V146 ALB	10000	Rochester
..... PVD V405 BDL V205 TRESA	10000	Stewart
..... PVD V146 ALB	10000	Syracuse
..... MVY MVY230 V34 SEY HTO V308 MANTA V276	10000	Trenton
..... RBV		
..... (1) MINNK V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
..... (5) MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Westhampton Beach
..... (1) MINNK V374 GON CCC	10000	Westhampton Beach
..... PVD V167 HFD V1 MAD V475 BDR BDR288	10000	White Plains
..... RYMES		
..... PVD PUT	10000	Worcester
..... PVD V146	10000	Albany
..... MVY MVY230 V34 SEY HTO V308 BRIGS	10000	Atlantic City
..... (1) V374 GON CCC V16 JFK V229	10000	Atlantic City
..... MVY MVY230 V34 SEY HTO V268	10000	Baltimore
..... (1) V374 GON CCC V16 ENO V268	10000	Baltimore
..... FREDO BOS PSM ENE	10000	Bar Harbor
..... FREDO	10000	Boston & SATS
..... PVD V405 BDL	10000	Bradley
..... MVY MVY230 V34 SEY HTO HTO302 KEYED	10000	Bridgeport
..... (water)		
..... (land) V374 CREAM	10000	Bridgeport
..... PVD V146 ALB V14	10000	Buffalo
..... PVD V151 GDM V229	10000	Burlington
..... FREDO BOS MHT CON	10000	Concord
..... (3) PVD HFD V1 MAD V475 BDR BDR288	10000	Danbury
..... RYMES		
..... (5) MVY V146 BAF IGN V157 HAARP	10000	Danbury

Cape/Martha's
Vineyard

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (1) MVY MVY230 V34 SEY HTO V268 ENO	10000	Dover AFB
..... (1) V374 GON CCC V16 ENO	10000	Dover AFB
..... PVD V146 CTR V270	10000	Elmira
..... PVD V146 CTR V270	10000	Erie
..... (5) MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Farmingdale
..... (1) V374 GON CCC V16 DPK	10000	Farmingdale
..... Direct	10000	Groton
..... MVY MVY230 V58 HFD	10000	Hartford
..... (5) MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Islip
..... (1) V374 GON CCC	10000	Islip
..... PVD V151 GDM	10000	Keene
..... (5) MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Kennedy
..... (1) V374 GON CCC V16 DPK	10000	Kennedy
..... PVD V167 HFD V1 MAD V475	10000	LaGuardia
..... PVD V151	10000	Lebanon
..... FREDO BOS MHT	10000	Manchester
..... MVY MVY230 V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
..... (1) V374 GON CCC V16 CYN	10000	McGuire AFB
..... PVD V167 HFD V229 V188 CMK V623 SAX	10000	Newark & SATS
..... (3) PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
..... MVY MVY230 V34 SEY HTO V308 MANTA V276	10000	N.E. Philadelphia
..... ARD		
..... (1) V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... FREDO	10000	Norwood
..... MVY MVY230 V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... (1) V374 GON CCC V16 VCN OOD	10000	Philadelphia
..... FREDO BOS PSM ENE	10000	Portland
..... FREDO BOS PSM	10000	Portsmouth
..... Direct	10000	Providence
..... MVY MVY230 V34 SEY HTO V308 CHOPS V16	10000	Richmond
..... (1) V374 GON CCC V16	10000	Richmond
..... PVD V146 ALB	10000	Rochester
..... PVD V405 BDL V205 STUBY	10000	Stewart
..... PVD V146 ALB	10000	Syracuse
..... MVY MVY230 V34 SEY HTO V308 MANTA V267 RBV	10000	Trenton
..... (1) V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
..... MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Westhampton Beach
..... (1) V374 GON CCC	10000	Westhampton Beach
..... PVD V167 HFD V1 MAD V475 BDR BDR288	10000	White Plains
..... RYMES		
..... PVD PUT	10000	Worcester
Cape/Nantucket		
..... ACK 146	10000	Albany
..... ACK V34 SEY HTO V308 BRIGGS	10000	Atlantic City
..... (1) ACK V146 MVY V374 GON CCC V16 JFK V229	10000	Atlantic City
..... ACK FREDO BOS PSM ENE	10000	Augusta
..... ACK V34 SEY HTO V268	10000	Baltimore
..... (1) ACK V146 MVY V374 GON CCC V16 ENO V268	10000	Baltimore
..... ACK FREDO BOS PSM ENE BGR	10000	Bangor
..... ACK FREDO BOS PSM ENE	10000	Bar Harbor
..... ACK FREDO	10000	Bedford
..... ACK FREDO	10000	Boston & SATS
..... ACK V146 PVD V405 BDL	10000	Bradley
..... ACK V34 SEY HTO HTO302 KEYED (water)	10000	Bridgeport
..... (land) ACK V146 MVY V374 CREAM	10000	Bridgeport
..... ACK V146 ALB V14	10000	Buffalo
..... ACK V146 PVD V151 GDM V229	10000	Burlington
..... ACK FREDO BOS MHT CON	10000	Concord
..... (3) ACK V146 PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (5) ACK V146 BAF IGN V157 HAARP	10000	Danbury
..... ACK V34 SEY HTO V268 ENO	10000	Dover AFB
..... (1) ACK V146 MVY V374 GON CCC V16 ENO	10000	Dover AFB
..... ACK V146 CTR V270	10000	Elmira
..... ACK V146 CTR V270	10000	Erie

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	..... (5) ACK V34 SEY V268 HTO V46 DPK	10000	Farmingdale
	..... (1) ACK V146 MVY V374 GON CCC V16 DPK	10000	Farmingdale
	..... ACK	10000	Groton
	..... ACK V58 HFD	10000	Hartford
	..... (5) ACK V34 SEY V268 HTO V46 CCC	10000	Islip
	..... (1) ACK V146 MVY V374 GON CCC	10000	Islip
	..... ACK V146 PVD V151 GDM	10000	Keene
	..... (5) ACK V34 SEY V268 HTO V46 DPK	10000	Kennedy
	..... (1) ACK V146 MVY V374 GON CCC V16 DPK	10000	Kennedy
	..... ACK V146 PVD V167 HFD V1 MAD V475	10000	La Guardia
	..... ACK V146 PVD V151	10000	Lebanon
	..... ACK FREDO BOS MHT	10000	Manchester
	..... ACK V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	..... (1) ACK V146 MVY V374 GON CCC V16 CYN	10000	McGuire AFB
	..... (1) ACK V146 PVD V167 HFD V229 V188 CMK	10000	Newark & SATS
	..... V623 SAX		
	..... (3) ACK V146 PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	..... ACK V34 SEY HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	..... (1) ACK V146 MVY V374 GON CCC V16 DIXIE	10000	N.E. Philadelphia
	..... V276 ARD		
	..... ACK FREDO	10000	Norwood
	..... ACK V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	..... (1) ACK V146 MVY V374 GON CCC V16 VCN	10000	Philadelphia
	..... OOD		
	..... ACK FREDO BOS PSM ENE	10000	Portland
	..... ACK FREDO BOS PSM	10000	Portsmouth
	..... ACK V146 PVD	10000	Providence
	..... ACK V34 SEY HTO V308 CHOPS V16	10000	Richmond
	..... (1) ACK V146 MVY V374 GON CCC V16	10000	Richmond
	..... ACK V146 PVD V405 BDL V205 TRESA	10000	Stewart
	..... ACK V146 ALB	10000	Syracuse
	..... ACK V34 SEY HTO V308 MANTA V276 RBV	10000	Trenton
	..... (1) ACK V146 MVY V374 GON CCC V16 DIXIE	10000	Trenton
	..... V276 ARD		
	..... (5) ACK V34 SEY V268 HTO	10000	Westhampton Beach
	..... (1) ACK V146 MVY V374 GON CCC	10000	Westhampton Beach
	..... ACK V146 PVD V167 HFD V1 MAD V475 BDR	10000	White Plains
	..... BDR288 RYMES		
	..... ACK V146 PUT	10000	Worcester
Charleston	..... V35	9000	Clarksburg
	..... V4	9000	Elkins
	..... HVQ HVQ268 KIRRK	10000	Huntington
Clarksburg	..... V35	10000	Charleston
	..... V37 EKN V4	10000	Charleston
	..... V35	8000	Morgantown
	..... V37 (OTFC only)	8000	Pittsburgh
Dover AFB	..... ENO V268 LEEAH	7000	Atlantic City
	..... ENO V268 SWANN	6000	Baltimore
	..... V16 JFK V229 BDR (Single Engine only)	7000	Bridgeport
	..... ENO V16 HEDGE	3000	Easton
	..... V16 JFK V229 (Single Engine only)	7000	Hartford
	..... ENO V16 CYN	7000	McGuire AFB
	..... ENO V29 SBY V1	6000	Norfolk
	..... ENO V16	6000	Patuxent River
	..... ENO V29 PXT063 PXT	4000	Patuxent River
	..... ENO V29 DQO	5000	Philadelphia
	..... ENO V29	6000	Salisbury
	..... ENO V16 V308 OTT	6000	Washington
	..... ENO V29 DQO	5000	Wilmington
Dulles	..... DIRECT	4000	Baltimore
	..... MRB V214 WOOLY EMI V419 MXE ARD V214	7000	Newark
	..... METRO (–180 kts)		
	..... MRB V214 WOOLY EMI V419 MXE V3 SBJ TEB	7000	Teterboro
	..... METRO (–180 kts only)		
	..... DIRECT	3000	Washington

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Elmira	..... V428 V14	8000	Albany
	..... V72	8000	Binghamton
	..... V147	8000	Rochester
	..... V31	8000	Rochester
	..... V35	8000	Syracuse
	..... V36 V29	8000	Wilkes-Barre
	..... V147	8000	Wilkes-Barre
Erie	..... V43	9000	Buffalo
	..... V14	9000	Buffalo
	..... V2	9000	Buffalo
	..... V90 DKK	9000	Buffalo
	..... V464 DKK	9000	Buffalo
	..... JHW V115	9000	Buffalo
	..... JHW V265 DKK	9000	Buffalo
	..... V522 V188 JFN (East-bound)	8000	Cleveland
	..... V522 (East-bound)	8000	Cleveland
	..... JFN V14 MENTO (West-bound)	8000	Cleveland
	..... V37 (Overflight traffic only)	8000	Pittsburgh
Griffiss	..... V43	8000	Youngstown
	..... UCA V490 GALWA	10,000	Albany
	..... UCA V2	10,000	Albany
	..... GGT V14	10,000	Albany
	..... UCA V428 V29	8000	Binghamton
	..... UCA V428	8000	Elmira
	..... UCA V496	10,000	Glens Falls
	..... UCA V2	10,000	Syracuse
	..... UCA V428 V153	10,000	Syracuse
	..... V14 V153	10,000	Syracuse
Harrisburg	..... HAR V162 ETX	7000	Allentown
	..... LRP V39 ETX	7000	Allentown
	..... HAR V469 OOD V184	5000	Atlantic City
	..... LRP LRP144 PADRE DQO OOD V184	5000	Atlantic City
	..... LRP V499	6000	Baltimore
	..... HAR V31	8000	Baltimore
	..... LRP V499	7000	Binghamton
	..... LRP V39 ROBERT AML	8000	Dulles
	..... HAR V162 V39 ROBERT AML	8000	Dulles
	..... LRP V39 V162 FJC V6 V232 COL (Props only)	7000	Kennedy
	..... HAR V162 FJC V6 V232 COL (Props only)	7000	Kennedy
	..... HAR V162 FJC V6 V232 TYKES V123 NANC1	7000	LaGuardia
	..... (Props only)		
	..... LRP V39 V162 FJC V6 V232 TYKES V123	7000	LaGuardia
	..... NANC1 (Props only)		
	..... HAR V162 FJC BWZ (Props only)	7000	Newark
	..... LRP V39 V162 FJC BWZ (Jets only)	7000	Newark
	..... LRP V210 BUNTS	5000	North Philadelphia
	..... HAR V210 BUNTS	5000	Philadelphia
	..... LRP LRP082 HUMEL (RDG ILS)	3000	Reading
	..... HAR V12 BOYER	5000	Reading
	..... HAR V162 FJC STW	7000	Teterboro
	..... LRP V39 V162 FJC STW	7000	Teterboro
	..... HAR V265 KRANT	8000	Washington
	..... LRP V93 BAL	8000	Washington
	..... HAR V162 FJC STW SAX V39 BREZY	7000	Westchester Co.
	..... LRP V39 V162 FJC STW SAX V39 BREZY	7000	Westchester Co.
	..... LRP V93	7000	Wilkes-Barre
	..... HAR RAV HZL	7000	Wilkes-Barre
	..... LRP LRP144 PADRE DQO	5000	Wilmington
	..... V469	5000	Wilmington
Huntington	..... V128	9000	Charleston
	..... V4	9000	Charleston
	..... DIRECT	9000	Charleston
Manchester	..... EEN V93 V292 V408 LHY	10000	Allentown
	..... (1) GDM ORW V16 JFK V229	10000	Atlantic City
	..... GDM ORW V308 BRIGS	10000	Atlantic City

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... (1) GDM ORW V16 ENO V268 SWANN	10000	Baltimore
..... GDM ORW HTO V268 SWANN	10000	Baltimore
..... EEN V93 V292 V408 LHY V93 BAL	10000	Baltimore
..... (1) GDM ORW V16 JFK COL	10000	Belmar
..... GDM ORW V308 MANTA V276 DIXIE	10000	Belmar
..... TOMIE LWM	10000	Boston
..... GDM V229 WITNY	10000	Bradley
..... CLOWW WITNY (/E, /F, /G only)	10000	Bradley
..... GDM V229 HFD	10000	Bridgeport
..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
..... (3) GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
..... (1) GDM ORW V16 ENO	10000	Dover AFB
..... GDM ORW V308 HTO V268 ENO	10000	Dover AFB
..... EEN V93 CTR V270	10000	Elmira
..... GDM ORW V16 DPK	10000	Farmingdale
..... GDM V14 ORW GON	10000	Groton
..... EEN V93 V292 V408 LHY V93 V162 HAR	10000	Harrisburg
..... GDM V229 HFD	10000	Hartford
..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
..... LWM BOS GAILS	10000	Hyannis
..... GDM ORW V16 CCC	10000	Islip
..... GDM ORW V16 DPK	10000	Kennedy
..... (3) GDM V229 HFD V1 MAD V475	10000	LaGuardia
..... EEN V93 V292 V408 LHY V93	10000	Lancaster
..... BOS	10000	Marthas Vineyard
..... BOS LFW	10000	Nantucket
..... (1) GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
..... (3) GDM V3 CMK V623 SAX	10000	Newark & SATS
..... (1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
..... (3) CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
..... GDM V229 HFD	10000	New Haven
..... CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
..... (1) GDM ORW V16 JFK V1	10000	Norfolk
..... GDM ORW V308 HTO V139	10000	Norfolk
..... (1) GDM ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
..... GDM ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
..... (1) GDM ORW V16 VCN OOD	10000	Philadelphia
..... GDM ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
..... EEN V93 V292 V408 LHY V58 GRACE	10000	Pittsburgh
..... EEN CTR	10000	Pittsfield
..... GDM V151 PVD	10000	Providence
..... BOS	10000	Provincetown
..... (1) GDM ORW V16	10000	Richmond
..... GDM ORW HTO V268 ENO V16	10000	Richmond
..... GDM V39 STUBY V205 TRESA	10000	Stewart
..... CAM V490 UCA	10000	Syracuse
..... (1) GDM ORW V16 DIXIE V276 RBV	10000	Trenton
..... GDM ORW V308 MANTA V276 RBV	10000	Trenton
..... GDM V229 HFD V3 SORRY	10000	Waterbury-Oxford
..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
..... GDM ORW V308 HTO	10000	Westhampton Beach
..... (3) GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
..... (5) EEN V93 PWL IGN V157 HAARP	10000	White Plains
..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plains
..... (1) GDM ORW V16 JFK V229 PANZE V44 SIE	10000	Wildwood
..... GDM ORW V308 SIE	10000	Wildwood
..... EEN V93 V292 V408 LHY	10000	Wilkes-Barre
..... GDM V229 SPENO	10000	Worcester
..... EEN V93 V292 V408 LHY	10000	Allentown
..... (1) MHT V106 GDM ORW V16 JFK V229	10000	Atlantic City
..... MHT V106 GDM ORW V308 BRIGS	10000	Atlantic City

Manchester/Pease

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
.....	(1) MHT V106 GDM ORW V16 ENO V268 SWANN	10000	Baltimore
.....	MHT V106 GDM ORW HTO V268 SWANN	10000	Baltimore
.....	EEN V93 V292 V408 LHY V93 BAL	10000	Baltimore
.....	LWM	10000	Bedford
.....	(1) MHT V106 GDM ORW V16 JFK COL	10000	Belmar
.....	MHT V106 GDM ORW V308 MANTA V276 DIXIE	10000	Belmar
.....	STEVO LWM	10000	Boston
.....	MHT V106 GDM V229 WITNY	10000	Bradley
.....	CLOWW WITNY (/E, /F, /G only)	10000	Bradley
.....	MHT V106 GDM V229 HFD	10000	Bridgeport
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
.....	(3) MHT V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
.....	(3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
.....	(1) MHT V106 GDM ORW V16 ENO	10000	Dover AFB
.....	MHT V106 GDM ORW V308 HTO V268 ENO	10000	Dover AFB
.....	EEN V93 CTR V270	10000	Elmira
.....	MHT V106 GDM ORW V16 DPK	10000	Farmingdale
.....	MHT V106 GDM V14 ORW GON	10000	Groton
.....	EEN V93 V292 V408 LHY V93 V162 HAR	10000	Harrisburg
.....	MHT V106 GDM V229 HFD	10000	Hartford
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
.....	EXALT V139 TONNI	10000	Hyannis
.....	MHT V106 GDM ORW V16 CCC	10000	Islip
.....	MHT V106 GDM ORW V16 DPK	10000	Kennedy
.....	(3) MHT V106 GDM V229 HFD V1 MAD V475	10000	LaGuardia
.....	EEN V93 V292 V408 LHY V93	10000	Lancaster
.....	EXALT V139 TONNI	10000	Marthas Vineyard
.....	EXALT V139 TONNI	10000	Nantucket
.....	(1) MHT V106 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
.....	(3) MHT V106 GDM V3 CMK V623 SAX	10000	Newark & SATS
.....	(1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
.....	(3) CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
.....	MHT V106 GDM V229 HFD	10000	New Haven
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
.....	(1) MHT V106 GDM ORW V16 JFK V1	10000	Norfolk
.....	MHT V106 GDM ORW V308 HTO V139	10000	Norfolk
.....	LWM	10000	Norwood
.....	(1) MHT V106 GDM ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
.....	MHT V106 GDM ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
.....	(1) MHT V106 GDM ORW V16 VCN OOD	10000	Philadelphia
.....	MHT V106 GDM ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
.....	EEN V93 V292 V408 LHY V58 GRACE	10000	Pittsburgh
.....	EEN CTR	10000	Pittsfield
.....	MHT V106 GDM V151 PVD	10000	Providence
.....	EXALT V139 TONNI	10000	Provincetown
.....	(1) MHT V106 GDM ORW V16	10000	Richmond
.....	MHT V106 GDM ORW HTO V268 ENO V16	10000	Richmond
.....	MHT V106 GDM V39 STUBY V205 TRESA	10000	Stewart
.....	MHT V490 UCA	10000	Syracuse
.....	(1) MHT V106 GDM ORW V16 DIXIE V276 RBV	10000	Trenton
.....	MHT V106 GDM ORW V308 MANTA V276 RBV	10000	Trenton
.....	MHT V106 GDM V229 HFD V3 SORRY	10000	Waterbury-Oxford
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
.....	MHT V106 GDM ORW V308 HTO	10000	Westhampton Beach
.....	(3) MHT V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
.....	(5) EEN V93 PWL IGN V157 HAARP	10000	White Plains
.....	(3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plains
.....	(1) MHT V106 GDM ORW V16 JFK V229 PANZE V44 SIE	10000	Wildwood
.....	MHT V106 GDM ORW V308 SIE	10000	Wildwood
.....	EEN V93 V292 V408 LHY	10000	Wilkes-Barre

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... MHT V106 GDM V229 SPENO	10000	Worcester
McGuire	..... V16 DIXIE V229	4000	Atlantic City
	..... COL COL192 DIXIE V229	4000	Atlantic City
	..... DIXIE V16 VCN (Overflights only)	6000	Atlantic City
	..... CYN V1 HOWIE (Overflights only)	6000	Atlantic City
	..... DIXIE V229 BDR BDR014 JUDDS (Preferred Single Engine Route)	7000	Bradley
	..... DIXIE V16 ENO	6000	Dover AFB
	..... DIXIE V229 (Single Engine only)	7000	Hartford
	..... DIXIE V229 HFD V167 PVD V151 GAILS (Single Engine Only)	7000	Hyannis
	..... RBV V276 DIXIE V16 JFK CCC (Single Engine only)	5000	Islip
	..... V184 ZIGGI JFK210 JFK CCC (No single engine; N/A btn 1400–2100 local)	5000	Islip
	..... GXU GXU055 RBV122 ZIGGI JFK210 JFK (No Single Engine)	5000	Kennedy
	..... RBV V276 DIXIE V16 JFK (Single Engine only)	5000	Kennedy
	..... RBV V276 ZIGGI JFK210 JFK (Twins only)	5000	Kennedy
	..... V184 ZIGGI JFK210 JFK (Twins only)	5000	Kennedy
	..... V229 JFK (Single Engine only)	5000	Kennedy
	..... RBV V123 Nanci (Props)	4000	LaGuardia
	..... RBV V123 Nanci (Jets only)	8000	LaGuardia
	..... DIXIE V229 BDR MAD V475 V188 GON V374 (Single Engine Only)	7000	Martha's Vineyard
	..... DIXIE V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine Only)	7000	Nantucket
	..... V184 ZIGGI V276 RBV RBV005 OWBIE (Jets only)	6000	Newark
	..... DIXIE V276 RBV RBV005 OWBIE (Single engine only)	5000	Newark
	..... V229 DIXIE V276 RBV V249 METRO (Turbojet only)	4000	Newark (Sats)
	..... V184 ZIGGI V276 ARD	4000	N. Philadelphia
	..... V1 DIXIE V276 ARD	4000	N. Philadelphia
	..... RBV V276 ARD	4000	No. Philadelphia
	..... V1 CYN V312 OOD (Props only)	4000	Philadelphia
	..... V1 CYN V312 OOD (Jets only)	5000	Philadelphia
	..... DIXIE V229 JFK V229 BDR MAD V475 V188 GON (Single engine)	7000	Providence
	..... DIXIE V16 VCN ATR V1	6000	Salisbury
	..... V184 ZIGGI V276 RBV V249 SAX V39 BREZY	5000	Westchester Co.
New York/Bridgeport	..... SOARS V487 CANAN	10000	Albany
	..... HUO V162 FJC	5000	Allentown
	..... DPK V16 DIXIE V229 ACY (Single Engine only)	6000	Atlantic City
	..... MAD V1 HFD V229 GDM V39 CON	10000	Augusta
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Augusta
	..... DPK V16 ENO V268 SWANN (Single Engine only)	6000	Baltimore
	..... MAD V1 HFD V229 GDM V39 AUG	10000	Bangor
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bangor
	..... MAD V1 HFD V229 GDM V106 ENE	10000	Bar Harbor
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	..... MAD V1 HFD HFD053 DREEM	10000	Bedford
	..... DPK JFK COL	6000	Belmar
	..... MAD V475 V188 GON	9000	Block Island
	..... MAD V1 HFD HFD053 DREEM	9000	Boston (North)
	..... (3) MAD V475 ORW V16 WOONS	10000	Boston
	..... BDR BDR014 JUDDS	10000	Bradley
	..... BDR	2000	Bridgeport SATS
	..... SOARS V487 CAM	10000	Burlington
	..... BDR JUDDS (/E, /F, /G only)	1000	Burlington
	..... HUO V162 HAR	5000	Capital City
	..... MAD V1 HFD V229 GDM V39 CON	10000	Concord
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Concord
	..... DPK V16 DIXIE V1 LEEAH V268 BAL BAL294 KROLL AML (Single Engine only)	6000	Dulles
	..... MAD MAD126 MONDI	7000	Groton

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... HTO	3000	Hampton
..... MAD V1 HFD	5000	Hartford
..... MAD V475 PVD V151 GAILS	10000	Hyannis
..... CCC	4000	Islip
..... MAD V1 HFD V229 GDM	10000	Keene
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
..... DPK	4000	Kennedy
..... R/V LGA075	4000	LaGuardia
..... HUO V162 ETX V39 LRP	5000	Lancaster
..... MAD V1 HFD V229 GDM V151	10000	Lebanon
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
..... MAD V1 HFD V229 GDM V106 MHT	10000	Manchester
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Manchester
..... DPK V16 DIXIE V16 CYN (Single Engine only)	6000	McGuire
..... MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
..... MAD	3000	Meriden Markham
..... DPK V16 VCN (Single Engine only)	6000	Millville
..... MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
..... MAD V475 V188 GON V374 MINNK	9000	New Bedford
..... DIRECT	2000	New Haven
..... CMK V188 SAX	4000	Newark
..... DPK V16 DIXIE V1 (Single Engine only)	6000	Norfolk
..... (3) MAD V475 ORW V16 WOONS	10000	Norwood
..... DPK V16 DIXIE V276 ARD (Single Engine only)	6000	N. Philadelphia
..... DIXIE V16 CYN V312 OOD (Single Engine only)	6000	Philadelphia
..... MAD V1 HFD V229 GDM V106 ENE	10000	Portland
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portland
..... (3) MAD V1 HFD V229 GDM V106 RAYMY	10000	Portsmouth
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
..... MAD V475 V188 GON	9000	Providence
..... MAD V475 PVD V151 GAILS	10000	Provincetown
..... MAD V475 V188 GON	9000	Quonset
..... SAX V249 SBJ V30 ETX V39 FLOAT (Props only)	7000	Reading
..... DPK V16 (Single Engine only)	6000	Richmond
..... DPK V16 DIXIE V1 (Single Engine only)	6000	Salisbury
..... HAAYS HUO V273 HNK	10000	Syracuse
..... DPK V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Washington
..... BDR BDR 288 RYMES	4000	Westchester Co.
..... DPK V16 DIXIE V229 PANZE V44 SIE (Single Engine only)	6000	Wildwood
..... MAD V1 GRAYM	9000	Worcester
New York /Islip		
..... SAX V249 SBJ V30 ETX (Non jet/Non turboprop)	8000	Allentown
..... DPK V16 DIXIE V229 ACY (Single Engine only)	6000	Atlantic City
..... DPK V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Andrews AFB
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Augusta
..... DPK V16 ENO V268 SWANN (Single Engine only)	6000	Baltimore
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bangor
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
..... DPK JFK COL	6000	Belmar
..... HTO V268 SEY	7000	Block Island
..... HTO V308 ORW V16 WOONS	9000	Boston
..... MAD V1 HFD HFD053 DREEM	9000	Boston (North)
..... BDR BDR014 JUDDS	8000	Bradley
..... BDR BDR014 JUDDS (Jets only)	10000	Bradley
..... BDR	4000	Bridgeport
..... BDR JUDDS (/E, /F, /G only)	10000	Burlington
..... SAX V249 SBJ V30 ETX V162 HAR (Non jet/Non turboprop only)	8000	Capital City
..... MAD HFD CLOWW (/E, /F, /G only)	10000	Concord
..... DPK V16 DIXIE V1 LEEAH V268 BAL BAL294	6000	Dulles
..... KROLL AML (Single Engine only)		
..... HTO HTO034 MONDI	7000	Groton
..... HTO	3000	Hampton
..... MAD V1 HFD	5000	Hartford

**Approach Control Area
(Including Satellites)**

	Route	Highest Altitude	Destination
	..... HTO V139 PVD V151 GAILS	9000	Hyannis
	..... CCC	2000	Islip (SATS)
	..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
	..... DPK	3000	Kennedy
	..... R/V LGA075	5000	LaGuardia
	..... HTO HTO302 NESSI LGA075	6000	LaGuardia
	..... SAX V249 SBJ LANNA V30 ETX V39 LRP (Props only)	8000	Lancaster
	..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	..... DPK V16 CYN (Single Engine only)	6000	McGuire
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Manchester
	..... HTO V139 WACKY V374 MVY (Single Engine)	9000	Martha's Vineyard
	..... HTO V46 CLAMY (Twin Engine)	9000	Martha's Vineyard
	..... MAD	5000	Meriden
	..... DPK V16 VCN (Single Engine only)	6000	Millville
	..... HTO V46 CLAMY (Twin Engine)	9000	Nantucket
	..... HTO SEY V58 NEWBE DEEPO (Single Engine)	9000	Nantucket
	..... HTO V139 WACKY	9000	New Bedford
	..... HVN	4000	New Haven
	..... CMK V188 SAX	4000	Newark
	..... DPK V16 DIXIE V1 (Single Engine only)	6000	Norfolk
	..... DPK V16 DIXIE V276 ARD (Single Engine only)	6000	N. Philadelphia
	..... DPK V16 CYN V312 OOD (Single Engine only)	6000	Philadelphia
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portland
	..... MAD HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	..... HTO V139 WACKY	9000	Providence
	..... HTO V139 WACKY	9000	Quonset
	..... SAX V249 SBJ V30 ETX V39 FLOAT (Non jet/Non turboprop only)	8000	Reading
	..... DPK V16 (Single Engine only)	6000	Richmond
	..... DPK V16 DIXIE V1 (Single Engine only)	6000	Salisbury
	..... DPK V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Washington
	..... BDR BDR 288 RYMES	5000	Westchester Co.
	..... HTO BDR BDR 288 RYMES	6000	Westchester Co.
	..... HTO V308 GON	9000	Westerly
	..... DPK V16 DIXIE V229 PANZE V44 SIE (Single Engine only)	6000	Wildwood
	..... MAD V1 GRAYM	9000	Worcester
New York /Kennedy	..... SAX V249 SBJ V30 ETX (Non jet/Non turboprop)	8000	Allentown
	..... DIXIE V229 ACY (Props only)	6000	Atlantic City
	..... DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	..... DIXIE V1 V308 OTT (Props only)	6000	Andrews AFB
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Augusta
	..... DIXIE V16 ENO V268 SWANN (Props only)	6000	Baltimore
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Bangor
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	..... COL	2000	Belmar
	..... BDR MAD V475 V188 GON	9000	Block Island
	..... BDR V229 HFD V3 WOONS	9000	Boston
	..... BDR V229 HFD HFD053 DREEM	9000	Boston (North)
	..... BDR HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
	..... BDR BDR014 JUDDS	8000	Bradley
	..... BDR (Jets only)	10000	Bradley
	..... BDR	3000	Bridgeport
	..... BDR JUDDS (/E, /F, /G only)	10000	Burlington
	..... SAX V249 SBJ V30 ETX V162 HAR (Non jet/Non turboprop)	8000	Capital City
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Concord
	..... DIXIE V1 LEEAH V268 BAL BAL294 KROLL AML (Non-pressurized aircraft only)	6000	Dulles
	..... BDR MAD MAD126 MONDI	9000	Groton
	..... R/V CCC 232 CCC HTO	3000	Hampton
	..... BDR V229 HFD	9000	Hartford
	..... BDR V229 HFD V167 PVD V151 GAILS	9000	Hyannis
	..... R/V ILS 6 LOC (Text Info)	3000	Islip
	..... R/V CCC232 CCC	3000	Islip
	..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... Direct	2000	LaGuardia
..... SAX V249 SBJ V30 ETX V162 V93 LRP (Props only)	8000	Lancaster
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
..... DIXIE V16 CYN	6000	McGuire
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Manchester
..... BDR MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
..... BDR MAD	3000	Meriden Markham
..... DIXIE V16 VCN (Props only)	6000	Millville
..... BDR MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
..... COL V232 SBJ	3000	Newark
..... BDR MAD V475 V188 GON V374 MINNK	9000	New Bedford
..... DIXIE V1 (Props only)	6000	Norfolk
..... DIXIE V276 ARD	4000	N. Philadelphia
..... DIXIE V16 CYN V312 OOD (Props only)	6000	Philadelphia
..... DIXIE V16 CYN V312 OOD (Jets only)	8000	Philadelphia
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Portland
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
..... BDR MAD V475 V188 GON (210 kts +)	9000	Providence
..... BDR MAD V475 V188 GON	9000	Quonset
..... SAX V249 SBJ V30 ETX V39 FLOAT (Non jet/Non turboprop only)	8000	Reading
..... DIXIE V16 (Props only)	6000	Richmond
..... DIXIE V1 (Props only)	6000	Salisbury
..... DIXIE V1 V308 OTT (Props only)	6000	Washington
..... DPK V483 CMK	2000	Westchester Co
..... BDR MAD V475 V188 GON	9000	Westerly
..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
..... DIXIE V1 HOWIE (Jets only)	8000	Wildwood
..... BDR MAD V1 GRAYM	9000	Worcester
New York/ LaGuardia		
..... SAX V249 SBJ V30 ETX	8000	Allentown
..... DIXIE V229 ACY (Props only)	6000	Atlantic City
..... DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
..... SAX V249 SBJ LANNA V30 ETX V39 LRP V93 BAL (Props only)	8000	Andrews AFB
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Augusta
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Bangor
..... SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL (Props only)	8000	Baltimore
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
..... JFK COL	6000	Belmar
..... BDR MAD V475 V188 GON	9000	Block Island
..... BDR V229 HFD V3 WOONS	9000	Boston
..... BDR V229 HFD HFD053 DREEM	9000	Boston (North)
..... BDR HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
..... BDR BDR014 JUDDS	8000	Bradley
..... BDR (Jets only)	10000	Bradley
..... BDR 248 CCC285 PUGGS V229 BDR	5000	Bridgeport
..... R/V BDR248 BDR. . (Helicopter Route)	5000	Bridgeport (Points NE)
..... BDR JUDDS (/E, /F, /G only)	10000	Burlington
..... SAX V249 SBJ V30 ETX V162 HAR	8000	Capital City
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Concord
..... SAX V249 SBJ LANNA V30 ETX V39 ROBT AML (Props only)	8000	Dulles
..... BDR MAD MAD126 MONDI	9000	Groton
..... BDR 248 BDR HTO	5000	Hampton
..... BDR V229 HFD	9000	Hartford
..... BDR V229 HFD V167 PVD V151 GAILS	9000	Hyannis
..... BDR 248 CCC285 CCC	5000	Islip
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
..... DPK	5000	Kennedy
..... SBJ SAX V249 V30 ETX V162 V93 LRP (Props only)	7000	Lancaster
..... BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
..... DIXIE V16 CYN	6000	McGuire
..... BDR MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
..... BDR HFD CLOWW (/E, /F, /G only)	10000	Manchester
..... BDR MAD	5000	Meriden Markham
..... DIXIE V16 VCN (Props only)	6000	Millville
..... BDR MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket

**Approach Control Area
(Including Satellites)**

	Route	Highest Altitude	Destination
	..... SBJ	3000	Newark
	..... BDR MAD V475 V188 GON V374 MINNK	9000	New Bedford
	..... DIXIE V1 (Props only)	6000	Norfolk
	..... BDR HFD CLOWW (/E, /F, /G only)	10000	Portland
	..... BDR HFD CLOWW(/E, /F, /G only)	10000	Portsmouth
	..... BDR MAD V475 V188 GON	9000	Providence
	..... BDR MAD V475 V188 GON	9000	Quonset
	..... SBJ SAX V249 V30 ETX V39 FLOAT	7000	Reading
	..... DIXIE V16 (Props only)	6000	Richmond
	..... DIXIE V1 (Props only)	6000	Salisbury
	..... SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL(Props only)	8000	Washington
	..... CMK	3000	Westchester Co.
	..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	..... DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	..... BDR MAD V1 GRAYM	9000	Worcester
New York/Newark	..... LANNA V30 ETX (Jets only)	8000	Allentown
	..... LANNA V30 ETX (Props only)	6000	Allentown
	..... DIXIE V229 ACY (Props only)	6000	Atlantic City
	..... DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	..... BREZY V39 CMK V3 HFD CLOWW	10000	Augusta
	..... (/E, /F, /G only)		
	..... LANNA V30 ETX V39 LRP V499 BAL (Props only)	6000	Baltimore
	..... (Props 210 kts +)	8000	
	..... BREZY V39 CMK V3 HFD CLOWW	10000	Bangor
	..... (/E, /F, /G only)		
	..... BREZY V39 CMK V3 HFD CLOWW	10000	Bar Harbor
	..... (/E, /F, /G only)		
	..... COL	2000	Belmar
	..... BDR MAD V475 V188 GON (210 kts +)	9000	Block Island
	..... BREZY V39 CMK V3 HFD GON (- 210 kts)	9000	Block Island
	..... BDR V229 HFD HFD053 DREEM (210 kts +)	9000	Boston (North)
	..... BREZY V39 CMK V3 HFD HFD053 DREEM (-210 kts)	9000	Boston (North)
	..... BDR V229 HFD V3 WOONS (210 kts +)	9000	Boston
	..... BREZY V39 CMK V3 WOONS (-210 kts)	9000	Boston
	..... BREZY V39 CMK V3 HFD FOSTY WOONS	10000	Boston
	..... (/E, /F, /G only)		
	..... BDR (Jets only)	10000	Bradley
	..... BREZY V39 CMK V419 BRISS (Props only)	9000	Bradley
	..... BDR248 CCC285 V229 (All Jets)	5000	Bridgeport
	..... BREZY V39 CMK V374 DENNA (All Props)	6000	Bridgeport
	..... BREZY V39 CMK SOARS JUDDS (/E, /F, /G only)	10000	Burlington
	..... LANNA V30 ETX V162 HAR (Props only)	6000	Capital City
	..... BREZY V39 CMK V3 HFD CLOWW	10000	Concord
	..... (/E, /F, /G only)		
	..... BREZY V39 CMK	3000	Danbury
	..... LANNA V30 ETX V39 ROBERT AML (Props only)	6000	Dulles
	..... (Props 210 kts +)	8000	
	..... SAX V213 HELON	4000	Dutchess Co
	..... DIXIE V1 (Props 210 kts +)	6000	Grand Strand
	..... BDR MAD MAD126 MONDI (+ 210 kts)	9000	Groton
	..... BREZY V39 CMK V3 HFD GON (-210 kts)	9000	Groton
	..... BDR 248 BDR HTO (All Jets)	5000	Hampton
	..... BREZY V39 CMK V374 BETHA HTO (All Props)	6000	Hampton
	..... LANNA V30 ETX V162 HAR (Props only)	6000	Harrisburg Intl
	..... (Props 210 kts +)	8000	
	..... BDR V229 HFD (210 kts +)	9000	Hartford
	..... LANNA V30 ETX (Props only)	6000	Hazleton Muni
	..... (Props 210 kts +)	8000	
	..... BREZY V39 CMK V3 HFD (-210 kts)	9000	Hartford
	..... BDR V229 HFD V167 PVD V151 GAILS (210 kts +)	9000	Hyannis
	..... BREZY V39 CMK V3 HFD V167 PVD V151 GAILS (- 210 kts)	9000	Hyannis
	..... BDR 248 CCC285 CCC (All Jets)	5000	Islip
	..... BREZY V39 CMK V374 DENNA BDR CCC (All Props)	6000	Islip

Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... BREZY V39 CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Keene
..... R/V DPK282 (EWR Dep 4 & EWRN)	5000	Kennedy
..... COL JFK (EWR Dep 22 & EWRS)	4000	Kennedy
..... LANNA V30 ETX V39 LRP (Props only)	6000	Lancaster
..... (Props 210 kts +)	8000	
..... BREZY V39 CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
..... (4)(5) LANNA V30 ETX	8000	Lehigh Valley Intl
..... DIXIE V16 (Props only)	6000	Lynchburg Rgnl/Preston Glenn Fld
..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Manchester
..... BDR MAD V475 V188 GON V374 MVY (210 kts +)	9000	Martha's Vineyard
..... BREZY V39 CMK V3 HFD GON V374 MVY (-210 kts)	9000	Martha's Vineyard
..... DIXIE V16 CYN	6000	McGuire
..... BDR MAD	5000	Meriden
..... (2) BREZY V39 CMK V3 YALER	5000	Meriden
..... DIXIE V16 VCN (Props only)	6000	Millville
..... BREZY V39 CMK V374 BETHA HTO	6000	Montauk
..... BREZY V39 CMK V3 HFD V58 NEWBE DEEPO	10000	Nantucket
..... BDR MAD V475 V188 GON V374 MINNK (210 kts +)	9000	New Bedford
..... BREZY V39 CMK V3 HFD V167 PVD (-210 kts)	9000	New Bedford
..... (4) BIGGY V3 MAZIE	8000	New Castle Co
..... (Props only)	4000	
..... DIXIE V1 (Props only)	6000	Norfolk
..... BIGGY V3 MAZIE	4000	Northeast Philadelphia
..... SAX V213 HELON	4000	Orange Co
..... (4) BIGGY V3 MAZIE	8000	Philadelphia Intl
..... (Props only)	4000	
..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portland
..... BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
..... SBJ BIGGY B3 MAZIE	4000	Pottstown Limerick
..... BDR MAD V475 V188 GON (210 kts+)	9000	Providence
..... BREZY V39 CMK V3 HFD V167 PVD (-210 kts)	9000	Providence
..... BDR MAD V475 V188 GON (210 kts +)	9000	Quonset
..... BREZY V39 CMK V3 HFD V167 PVD (- 210 kts)	9000	Quonset
..... DIXIE V16 RIC V157 LVL V155 (Props only)	6000	Raleigh-Durham Intl
..... (4) SBJ LANNA V30 ETX	8000	Reading Rgnl/Carl A Spaatz Fld
..... (Props only)	4000	
..... DIXIE V16 (Props only)	6000	Richmond
..... LANNA V30 ETX V39 LRP V93 BAL (Props only)	6000	Ronald Reagan Washington Natl
..... (Props 210 kts +)	8000	
..... DIXIE V1 (Props only)	6000	Salisbury
..... SAX SAX022 MANEE	4000	Stewart Intl
..... SAX V213 HELON	4000	Sullivan Co Intl
..... BREZY V39 CMK V374 BETHA HTO	6000	The Francis S Gabreski Arpt
..... BIGGY V3 MAZIE	4000	Trenton Mercer
..... BREZY V39 CMK V374 DENNA	6000	Waterbury-Oxford
..... BREZY	3000	Westchester Co.
..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
..... Dixie V1 Howie (Jets only)	8000	Wildwood
..... BDR MAD V1 GRAYM (210 kts +)	9000	Worcester
..... BREZY V39 CMK V3 HFD V1 GRAYM (-210 kts)	9000	Worcester
New York/Stewart		
..... STUBY V487 CANAN	10000	Albany
..... STUBY V93 CON	10000	Augusta
..... STUBY V93 CON V39 AUG	10000	Bangor
..... STUBY V93 ENE	10000	Bar Harbor

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
	STUBY CEF CEF088 DREEM	10000	Bedford
	PWL HFD V3 WOONS	10000	Boston
	PWL PWL111 BRISS or PWL V106 BAF (BAF/CEF)	10000	Bradley
	STUBY V487 CAM	10000	Burlington
	STUBY V93 CON	10000	Concord
	PWL HFD GON	10000	Groton
	PWL PWL111 BRISS	10000	Hartford
	PWL HFD V167 PVD V151 GAILS	10000	Hyannis
	STUBY	10000	Keene
	STUBY	10000	Lebanon
	STUBY V93 EEN	10000	Manchester
	PWL HFD V374 MYY	10000	Martha's Vineyard
	PWL HFD V58 NEWBE DEEPO	10000	Nantucket
	PWL HFD V3 WOONS	10000	Norwood
	STUBY V93 EEN	10000	Portland
	PWL V106 RAYMY	10000	Portsmouth
	PWL HFD V167 PVD	10000	Providence
	PWL HFD V167 PVD V151 GAILS	10000	Provincetown
	WEARD DNY	10000	Syracuse
	PWL V106 BAF	10000	Worcester
New York/ Westchester	CMK V39 SOARS V487 CANAN	10000	Albany
	HUO V162 FJC	5000	Allentown
	DIXIE V229 ACY (Props only)	6000	Atlantic City
	DIXIE V1 HOWIE (Jets Only)	8000	Atlantic City
	CMK V3 HFD V229 GDM V39 CON	10000	Augusta
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Augusta
	SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL (Props only)	8000	Baltimore
	CMK V3 HFD V229 GDM V39 AUG	10000	Bangor
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bangor
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	CMK V3 HFD V229 GDM V106 ENE	10000	Bar Harbor
	JFK COL	6000	Belmar
	CMK V3 HFD HFD053 DREEM	10000	Boston & NO SATS
	(3) CMK V3 WOONS	10000	Boston
	CMK V3 HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
	CMK V419 BRISS	10000	Bradley
	CMK V374 DENNA	5000	Bridgeport
	CMK V39 SOARS V487 BTV	10000	Burlington
	CMK SOARS JUDDS (/E, /F, /G only)	10000	Burlington
	HUO V162 HAR	5000	Capital City
	CMK V3 HFD V229 GDM V39 CON	10000	Concord
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Concord
	SAX V249 SBJ LANNA V30 ETX V39 ROBERT AML (Props only)	8000	Dulles
	CMK V3 HFD GON	10000	Groton
	CMK V374 BETHA HTO	5000	Hampton
	CMK V3 HFD	10000	Hartford
	CMK V3 HFD V167 PVD V151 GAILS	10000	Hyannis
	CMK V374 DENNA BDR CCC	5000	Islip
	CMK V3 HFD V229 GDM	10000	Keene
	CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Keene
	CMK V483 DPK	3000	Kennedy
	DIRECT	3000	LaGuardia
	HUO V162 ETX V39 LRP	5000	Lancaster
	CMK V3 HFD V229 GDM V151	10000	Lebanon
	CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	CMK V3 HFD V229 GDM V106 MHT	10000	Manchester
	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Manchester
	CMK V3 HFD GON V374 MYY	10000	Martha's Vineyard
	DIXIE V16 CYN	6000	McGuire
	Dixie V16 VCN (Props only)	6000	Millville
	CMK V3 HFD V58 NEWBE DEEPO	10000	Nantucket
	CMK V374 DENNA	5000	New Haven
	NYACK V188 SAX (Props)	4000	Newark
	NYACK V188 SAX (Jets)	5000	Newark
	DIXIE V1 (Props only)	6000	Norfolk
	CMK V3 WOONS	10000	Norwood & N SATS
	CMK V3 HFD V229 GDM V106 ENE	10000	Portland

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
Norfolk	..... CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portland
	..... CMK V3 HFD V229 GDM V106 RAYMY	10000	Portsmouth
	..... CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	..... CMK V3 HFD V167 PVD	10000	Providence
	..... CMK V3 HFD V167 PVD V151 GAILS	10000	Provincetown
	..... SAX V249 SBJ V30 ETX V39 FLOAT (Props only)	7000	Reading
	..... DIXIE V16 (Props only)	6000	Richmond
	..... SAX V249 SBJ LANNA V30 ETX V39 LRP V93	8000	Ronald Reagan
	..... BAL (Props only)		Washington Natl
	..... DIXIE V1 (Props only)	6000	Salisbury
	..... HAAYS HUO V273 SYR	10000	Syracuse
	..... DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	..... DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	..... CMK V3 HFD V1 GRAYM	10000	Worcester
Norfolk	..... HCM V33 COLIN V16 PXT	9000	Patuxent River
	..... HPW V260 RIC (West-bound only)	9000	Richmond
	..... CCV V1 SBY	5000	Salisbury
	..... CCV V139 SWL (Northeast-bound only)	5000	Snow Hill
	..... HCM HCM330 SVILL	7000	Washington
Patuxent	..... SWL V139	5000	Atlantic City
	..... PXT V16 V44	5000	Atlantic City
	..... SBY V1 V44	5000	Atlantic City
	..... SBY332 BAL133	4000	Baltimore
	..... PXT V93	5000	Baltimore
	..... SBY V29 ENO	5000	Dover AFB
	..... PXT V16 ENO	5000	Dover AFB
	..... PXT V16	5000	Dover AFB
	..... SBY VI ATR	5000	Dover AFB
	..... PXT V213 V286 FLUKY	6000	Dulles
	..... COLIN V33 HCM	6000	Newport News
	..... SBY V1 CCV	6000	Norfolk
	..... SWL V139 CCV	6000	Norfolk
	..... WHINO V33 V286 STEIN	5000	Norfolk
	..... PXT V213 ENO V29 DQO	5000	Philadelphia
	..... SBY V29 DQO	5000	Philadelphia
	..... PXT V16	6000	Richmond
	..... SBY V1 JAMIE HCM	6000	Richmond
	..... COLIN V33 HCM	6000	Richmond
	..... PXT V31 OTT (No Overflight of D.C. Area)	4000	Washington
	..... SBY CHURK OTT (No Overflight of D.C. Area)	4000	Washington
Philadelphia	..... RV FJC185 FJC	4000	Allentown
	..... OOD VCN V184 ACY	3000	Atlantic City
	..... MXE V378 BAL	6000	Baltimore
	..... DQO V166 V378 BAL	6000	Baltimore
	..... OOD V157 ENO	4000	Dover AFB
	..... DQO V29 ENO	4000	Dover AFB
	..... MXE V408 ROBERT AML	8000	Dulles
	..... MXE V184 MXE283027 V469 HAR	6000	Harrisburg
	..... PNE PNE090 ARD126 V16 DIXIE (Direct) (Single Engine only)	5000	Kennedy
	..... PNE PNE090 ARD126 V16 V276 ZIGGI (Direct) (No Single Engine)	5000	Kennedy
	..... RBV V123 PROUD (Jets only)	8000	LaGuardia
	..... MXE MXE295 HABER LRP137 LRP	4000	Lancaster
	..... ARD V214 METRO (Non Turbojets only)	5000	Newark
	..... RBV RBV005 OWBIE (Turbojet only)	7000	Newark
	..... MXE MXE334 HUMEL	4000	Reading
	..... REGLE V3 SBJ	4000	Teterboro
	..... MXE V408 VINNY V93 BAL	8000	Washington
	..... DQO V166 V93 BAL	8000	Washington
	..... RV FJC185 FJC BWZ SAX V39 BREZY	5000	Westchester Co.
	..... RV FJC185 FJC V149 RITTY	5000	Wilkes Barre/Scranton
Pittsburgh	..... BSV (Westbound only)	8000	Akron-Canton
	..... V37 (Southbound only)	8000	Clarksburg
	..... EWC V37 (Northbound only)	8000	Erie

**Approach Control Area
(Including Satellites)**

	Route	Highest Altitude	Destination
	..... EWC (Northbound only)	6000	Franklin
	..... EWC TDT (Northbound only)	6000	Jamestown
	..... DIRECT (Southbound only)	8000	Morgantown
	..... EWC (Northbound only)	8000	Youngstown
Portland	..... CON CAM	10000	Albany
	..... DIRECT	10000	Bangor
	..... DIRECT	10000	Bar Harbor
	..... ENE LWM	10000	Bedford & NO SATS
	..... (3) ENE PSM PSM221 STEVO LWM	10000	Boston
	..... (5) ENE V167 SCUPP	10000	Boston
	..... ENE V106 GDM V229 WITNY	10000	Bradley
	..... CLOWW WITNY (/E, /F, /G only)	10000	Bradley
	..... ENE V106 GDM V229 HFD	10000	Bridgeport
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
	..... (3) ENE V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
	..... ENE V106 GDM V14 ORW V16 DPK	10000	Farmingdale
	..... ENE V106 GDM V14 ORW GON	10000	Groton
	..... ENE V106 GDM V229 HFD	10000	Hartford
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
	..... ENE V139 TONNI	10000	Hyannis
	..... ENE V106 GDM V14 ORW V16 CCC	10000	Islip
	..... ENE V106 GDM V14 ORW V16 DPK	10000	Kennedy
	..... ENE V139 TONNI	10000	Marthas Vineyard
	..... ENE V139 TONNI	10000	Nantucket
	..... (1) ENE V106 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	..... (3) ENE V106 GDM V3 CMK V623 SAX	10000	Newark & SATS
	..... (1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	..... (3) CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
	..... (1) ENE V106 GDM V14 ORW V16 V276 ARD	10000	N.E. Philadelphia
	..... ENE V106 GDM V14 ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
	..... ENE LWM	10000	Norwood
	..... ENE V139 BURDY	10000	Providence
	..... ENE V139 TONNI	10000	Provincetown
	..... ENE V93 STUBY V205 TRESA	10000	Stewart
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plains
	..... ENE V106 GDM V229 SPENO	10000	Worcester
Portland/Augusta	..... CON CAM	10000	Albany
	..... DIRECT	10000	Bangor
	..... DIRECT	10000	Bar Harbor
	..... ENE LWM	10000	Bedford & NO SATS
	..... (3) ENE PSM PSM 221 STEVO LWM	10000	Boston
	..... (5) ENE V167 SCUPP	10000	Boston
	..... LABEL V39 GDM V229 WITNY	10000	Bradley
	..... CLOWW WITNY (/E, /F, /G only)	10000	Bradley
	..... LABEL V39 GDM V229 HFD	10000	Bridgeport
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
	..... LABEL V39 CON	10000	Concord
	..... (3) LABEL V39 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	..... (3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
	..... LABEL V39 GDM V14 ORW V16 DPK	10000	Farmingdale
	..... LABEL V39 GDM V14 ORW GON	10000	Groton
	..... LABEL V39 GDM V229 HFD	10000	Hartford
	..... CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
	..... ENE V139 TONNI	10000	Hyannis
	..... LABEL V39 GDM V14 ORW V16 CCC	10000	Islip
	..... LABEL V39 GDM V14 ORW V16 DPK	10000	Kennedy

Approach Control Area
(Including Satellites)

	Route	Highest Altitude	Destination
.....	ENE MHT	10000	Manchester
.....	ENE V139 TONNI	10000	Marthas Vineyard
.....	ENE V139 TONNI	10000	Nantucket
.....	(1) LABEL V39 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
.....	(3) LABEL V39 GDM V3 CMK V623 SAX	10000	Newark & SATS
.....	(1) CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
.....	(3) CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
.....	(1) LABEL V39 GDM V14 ORW V16 V276 ARD	10000	N.E. Philadelphia
.....	LABEL V39 GDM V14 ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
.....	ENE LWM	10000	Norwood
.....	ENE	10000	Portsmouth
.....	ENE V139 BURDY	10000	Providence
.....	ENE V139 TONNI	10000	Provincetown
.....	LABEL V39 STUBY V205 TRESA	10000	Stewart
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
.....	(3) CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plain
.....	LABEL V39 GDM V229 SPENO	10000	Worcester
Providence	PUT ALB	10000	Albany
.....	HFD PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
.....	(1) ORW V16 JFK V229	10000	Atlantic City
.....	WOONS BOS PSM ENE	10000	Augusta
.....	(1) ORW V16 ENO V268 SWANN	10000	Baltimore
.....	WOONS BOS PSM ENE BGR	10000	Bangor
.....	WOONS BOS PSM ENE	10000	Bar Harbor
.....	WOONS	10000	Bedford & NO SATS
.....	(3) WOONS	10000	Boston
.....	(5) PVD V151 INNDY	10000	Boston
.....	PVD V405 BDL	10000	Bradley
.....	HFD	10000	Bridgeport
.....	PUB ALB V14	10000	Buffalo
.....	PUT V151 GDM V229	10000	Burlington
.....	WOONS MHT CON	10000	Concord
.....	(3) HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
.....	(5) PUT BAF IGN V157 HAARP	10000	Danbury
.....	(1) ORW V16 ENO	10000	Dover AFB
.....	PUT CTR V270	10000	Elmira
.....	PUT CTR V270	10000	Erie
.....	SEY HTO V46 DPK	10000	Farmingdale
.....	HFD	10000	Hartford
.....	PVD V151 GAILS	10000	Hyannis
.....	SEY HTO V46 CCC	10000	Islip
.....	PUT V151 GDM	10000	Keene
.....	SEY HTO V46 DPK	10000	Kennedy
.....	PVD V167 HFD V1 MAD V475	10000	LaGuardia
.....	PUT V151	10000	Lebanon
.....	WOONS	10000	Manchester
.....	PVD V167 TUTOR	10000	Marthas Vineyard
.....	(1) ORW V16 CYN	10000	McGuire AFB
.....	PVD PVD143 CLAMY	10000	Nantucket
.....	(1) PVD V167 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
.....	(3) PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
.....	HFD	10000	New Haven
.....	(1) ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
.....	WOONS	10000	Norwood & SO SATS
.....	(1) ORW V16 VCN OOD	10000	Philadelphia
.....	WOONS BOS PSM ENE	10000	Portland
.....	WOONS BOS	10000	Portsmouth
.....	PVD V151 GAILS	10000	Provincetown
.....	(1) ORW V16	10000	Richmond
.....	PUT ALB	10000	Rochester
.....	PVD V405 BDL V205 TRESA	10000	Stewart
.....	PUT ALB	10000	Syracuse
.....	(1) ORW V16 DIXIE V276 ARD	10000	Trenton

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... HFD	10000	Waterbury-Oxford
	..... SEY HTO V46 CCC	10000	Westhampton Beach
	..... PVD V167 HFD V1 MAD V475 BDR BDR288	10000	White Plains
	..... RYMES		
	..... HFD PWL V106 LHY	5000	Wilkes-Barre
	..... PUT	10000	Worcester
Providence/Groton	..... GON BAF V146	10000	Albany
	..... HFD PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	..... (1) GON V374 CREAM V16 JFK V229	10000	Atlantic City
	..... ORW V16 BOS PSM ENE	10000	Augusta
	..... (1) GON V374 CREAM V16 ENO V268 SWANN	10000	Baltimore
	..... ORW V16 BOS PSM ENE BGR	10000	Bangor
	..... ORW V16 BOS PSM ENE	10000	Bar Harbor
	..... ORW V16 WOONS	10000	Bedford & NO SATS
	..... (3) ORW V16 WOONS	10000	Boston
	..... (5) PVD V151 INNDY	10000	Boston
	..... HFD	10000	Bradley
	..... GON V374 CREAM	10000	Bridgeport
	..... GON BAF V146 ALB V14	10000	Buffalo
	..... ORW V14 GDM V229	10000	Burlington
	..... ORW V16 WOONS MHT CON	10000	Concord
	..... (3) GON V374 CREAM BDR BDR288 RYMES	10000	Danbury
	..... (5) ORW BAF IGN V157 HAARP	10000	Danbury
	..... (1) GON V374 CREAM V16 ENO	10000	Dover AFB
	..... GON CTR V270	10000	Elmira
	..... GON CTR V270	10000	Erie
	..... GON V374 CREAM V16 DPK	10000	Farmingdale
	..... HFD	10000	Hartford
	..... PVD V151 GAILS	10000	Hyannis
	..... GON V374 V16 CCC	10000	Islip
	..... ORW V14 GDM	10000	Keene
	..... GON V374 CREAM V16 DPK	10000	Kennedy
	..... GON V374 CREAM BDR V475	10000	LaGuardia
	..... ORW V14 GDM V151	10000	Lebanon
	..... ORW V16 WOONS	10000	Manchester
	..... GON V374 MZY	10000	Marthas Vineyard
	..... (1) GON V374 CREAM V16 CYN	10000	McGuire AFB
	..... GON V58 NEWBE DEEPO	10000	Nantucket
	..... (1) GON HFD V229 SEALL V188 CMK V623 SAX	10000	Neward & SATS
	..... (3) GON HFD V3 CMK V623 SAX	10000	Newark & SATS
	..... GON V374 CREAM	10000	New Haven
	..... (1) GON V374 CREAM V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	..... ORW V16 WOONS	10000	Norwood & SO SATS
	..... (1) GON V374 CREAM V16 VCN OOD	10000	Philadelphia
	..... ORW V16 WOONS BOS PSM ENE	10000	Portland
	..... ORW V16 WOONS BOS	10000	Portsmouth
	..... PVD V151 GAILS	10000	Provincetown
	..... (1) GON V374 CREAM V16	10000	Richmond
	..... GON BAF V146 ALB	10000	Rochester
	..... GON BDL V205 TRESA	10000	Stewart
	..... GON BAF V146 ALB	10000	Syracuse
	..... (1) GON V374 CREAM V16 DIXIE V276 ARD	10000	Trenton
	..... GON V374 CREAM	10000	Waterbury-Oxford
	..... GON V374 V16 CCC	10000	Westhampton Beach
	..... GON V374 CREAM BDR BDR288 RYMES	10000	White Plains
	..... HFD PWL V106 LHY	5000	Wilkes-Barre
	..... ORW V14 GRAYM	10000	Worcester
Reading	..... ETX	3000	Allentown
	..... BOYER V12 HAR	4000	Harrisburg
	..... V39	4000	Lancaster
	..... FJC BWZ	5000	Newark
	..... PTW	5000	No. Philadelphia
	..... MXE 355 BUNTS	5000	Philadelphia
	..... V93	5000	Wilkes-Barre
	..... MXE V29 DQO	5000	Wilmington
Richmond	..... V286 STEIN	5000	Norfolk
	..... V33 HCM	6000	Norfolk
	..... V38 HCM	9000	Norfolk

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Roanoke	..... V16	5000	Patuxent River NAS
	..... V33	5000	Patuxent River
	..... V376	8000	Washington
	..... V155	4000	Washington
	..... BRV	5000	Washington
	..... PSK V45	7000	Greensboro
Rochester	..... V103	10000	Greensboro
	..... V31 V14	10000	Albany
	..... V119 GEE V252	8000	Binghamton
	..... V2	10000	Buffalo
	..... V119 GEE V464 DKK V14 MENTO	10000	Cleveland
	..... V119 GEE V464	10000	Dunkirk
	..... V147	8000	Elmira
	..... V119 GEE V464 DKK V14	10000	Erie
	..... V34 BEEPS	8000	Ithaca
	..... V2 BUF V115	6000	Jamestown
	..... V119 GEE V464 LANGS V115	10000	Jamestown
	..... V510 EHMAN	10000	Niagara Falls
	..... V119 GEE V464 DKK V14 ERI V37 (Overflight traffic only)	10000	Pittsburgh
	..... V2	10000	Syracuse
Syracuse	..... V119 GEE V464 DKK V14 ERI V43	10000	Youngstown
	..... VESPE V14 ALB	10000	Albany
	..... V483 SHERB V14 ALB GDM V431 LOBBY	10000	Bedford
	..... V29	6000	Binghamton
	..... V483 SHERB V14 ALB GDM V431 REVER	10000	Boston
	..... ALB	10000	Bradley
	..... RKA V433 PETER V270 ATHOS V44 DENNA	10000	Bridgeport
	..... (3) RKA V433 TRESA V123 HAARP	10000	Danbury
	..... V35	8000	Elmira
	..... V29 V428	8000	Elmira
	..... ALB V130 BDL GON	10000	Groton
	..... ALB	10000	Hartford
	..... ALB V130 BDL V405 PVD V151 GAILS	10000	Hyannis
	..... ALB V130 BDL V405 MVY	10000	Marthas Vineyard
	..... ALB V130 BDL V405 MVY	10000	Nantucket
	..... V483 SHERB V14 ALB GDM V431 LOBBY	10000	Norwood
	..... CAM CON	10000	Portland
	..... ALB V130 BDL V405 PVD	10000	Providence
	..... ALB V130 BDL V405 PVD V151 GAILS	10000	Provincetown
Washington	..... V14	10000	Rochester
	..... ALB V130 MOLDS	10000	Worcester
	..... DIRECT	4000	Baltimore
	..... DIRECT	3000	Dulles
	..... V265	5000	Harrisburg
	..... V265 V457 LRP	5000	Lancaster
	..... V265 EMI V419 MXE ARD V214 METRO (-180 kts only)	7000	Newark
	..... DIRECT	3000	Patuxent River NAS
	..... V123 V433 DQO	7000	Philadelphia
	..... V155 COATT	8000	Richmond
	..... BRV	6000	Richmond
	..... V286	5000	Richmond
	..... BAL V378 MXE V3 SBJ TEB (-180 kts only)	7000	Teterboro
Westchester (See New York/Westchester)			
Wilkes-Barre	..... V164 ETX	5000	Allentown
	..... V29	8000	Binghamton
	..... V149	8000	Binghamton
	..... V499	7000	Binghamton
	..... V147	8000	Elmira
	..... V36	8000	Elmira
	..... V106 SEG V31	8000	Harrisburg
	..... HZL RAV	8000	Harrisburg
	..... V93	6000	Lancaster
	..... V613 FJC BWZ (Non jets only)	5000	Newark
	..... V613 FJC BWZ (Jets only)	6000	Newark
	..... V93	6000	Reading

NORTH AMERICAN ROUTES

NORTH AMERICAN ROUTES FOR NORTH ATLANTIC TRAFFIC (NAR)

“NORTH AMERICAN ROUTE PROGRAM (NRP).”

Introduction

(a) The North American Route Program (NRP) is a joint FAA and NAV CANADA program, the objective of which is to harmonize and adopt common procedures, to the extent possible, for application to random route flight operations at and above FL 290 within the conterminous U.S. and Canada.

(b) The NRP will be implemented through various phases with the end goal of allowing all international and domestic flight operations to participate in the NRP throughout the conterminous U.S., Alaska, and Canada.

(c) Flights may participate in the NRP under specific guidelines and filing requirements:

1. provided the flight originates and terminates within conterminous U.S. and Canada; or,
2. for North Atlantic international flights operating within the North American Route (NAR) System.

FAA/NAV CANADA Common Procedures

The following common FAA and NAV CANADA procedures apply:

(a) Flights to operate at or above FL 290.

(b) For that portion of flight within 200 NM of the departure or destination airport, flights shall be filed and operated via Standard Instrument Departures (SID), Departure Procedures (DP), Standard Terminal Arrival Routes (STAR) or published Preferred IFR Routes. If none of the above are available, airways may be used.

(c) NRP flights are not normally subject to routing restrictions such as published Preferred IFR Routes or airways, beyond a 200 NM radius of both the departure and destination airports.

(d) Flight planning requirements are:

1. routes shall contain at least one significant point in each delegated area of airspace jurisdiction for each FAA Air Route Traffic Control Center (ARTCC) or Canadian FIR/CTA;

2. significant points may be a navigational aid or waypoint defined in fix-radial distance (FRD) format from a navigational aid. Within Canadian airspace a significant point may also be a coordinate described in degrees and minutes of latitude/longitude;

3. for routes that cross the U.S./Canadian border, a significant point within 30 NM of either side of the border shall be filed;

4. significant points should be filed for all turnpoints;

5. route(s) shall avoid active Class F airspace;

6. “NRP” shall be entered in the Remarks section of the flight plan; and

7. flight plans to be filed at least one hour prior to departure.

(e) In the event that a NRP aircraft has to be recleared due to weather or tactical reasons, ATC will attempt to return the aircraft to the original NRP routing as soon as practical. Aircraft that depart from the NRP routing due to a pilot request or an ATC clearance authorizing a direct routing will be considered as a non participant of the NRP.

(f) Unless published routing restrictions are in effect, North Atlantic International flights planning to operate within the NAR System may file NRP routes beyond 200 NM of the NAR identified system airport and the published Inland Navigation Fixes (INFs).

Specific FAA Requirements

The following specific FAA requirements apply:

(a) Flights may not be filed via a DP/STAR within offshore transition areas (12 NM or more off the U.S. shoreline).

(b) Flights may be filed and flown on the complete transition of DPs and/or STARs for specific airports in lieu of the 200 NM route planning requirement described in Common Procedures, paragraph “b” above. For listing of the airports refer to the current FAA Advisory Circular–NRP.

(c) Flights not meeting the above guidelines are to be requested through the FAA nonpreferred route programs. Those requests will be approved/disapproved on a workload permitting basis.

NORTH AMERICAN ROUTE (NAR) SYSTEM

GENERAL

a. The objectives of the NAR System are as follows:

1. To expedite flight planning.
2. To reduce the complexity of route clearances and thereby minimize the confusion and error potential inherent in lengthy transmissions and readbacks; and
3. To minimize the time spent in the route clearance delivery function.

b. The NAR System is designed to accommodate major airports in North America where the volume of North Atlantic (NAT) traffic and route complexity dictate a need to meet the above objectives. It is for the use of traffic entering/exiting the NAT and consists of a series of pre-planned routes from/to coastal fixes and identified system airports. Most of the routes are divided into two portions:

1. Common Portion: That portion of the route between specified coastal fix and a specified inland navigation fix (INF). Some routes have a common portion only.
2. Non-common Portion: That portion of the route between a specified INF and a system airport. The routes are within the high level airspace structure with a transition to/from system airports.

c. The routes are prefixed by the abbreviation "N" with the numbering for the common portions orientated geographically from south to north. The ODD numbers have eastbound applications while the EVEN numbers apply to westbound. Following a one- to three-digit number, an alpha character indicates the validation codes and forms part of the route identifier. Validation codes are associated to amendments to the common routes only and not to non-common route portions.

d. Since a primary function of the NAR system is to compliment the NAT traffic flow; a limited number of NAR routes, appropriate for the coastal fixes serving the organized OTS and the domestic traffic organization, are included in the daily NAT/OTS message published by the Gander and Shanwick Oceanic Area Centers.

e. Aircraft can only join the NAR system:

1. At an identified coastal fix; or
2. On departure from one of the identified system airports; or
3. At an identified INF.

FLIGHT PLANNING—GENERAL

Westbound

a. Westbound routes begin at the coastal fixes, thence along common route portions to an INF and then fan out along non common routes to selected system airports;

b. For aircraft proceeding to an identified system airport and the route of flight to destination is described by a single NAR designator, use the designator;

c. For aircraft proceeding to a non system airport but the route of flight is described by the common route portion to an identified INF, use the designator to the INF followed by a detailed routing to the destination.

Eastbound

a. Eastbound routes only have a common portion from the INF to a coastal fix;

b. When the route of flight is described by a single NAR designator, use the designator;

c. For aircraft departing from a non system airport, file via an appropriate detailed routing to the applicable INF and thence via the common portion to the coastal fix using the NAR designator;

General

For those cases not described above, a detailed routing is required.

NAR REQUIREMENT

General

a. Generally there is no requirement to flight plan and operate using the NAR system. However ATC requires eastbound aircraft intending to operate on the NAT OTS and operating wholly on or south of a line between the intersections BAREE and DOTTY to flight plan and operate using one of the NARs published on the daily OTS Message.

b. NARs may be assigned by air traffic control for the tactical management of air traffic in Canadian domestic airspace.

c. For operators who elect not to use the NAR system, the rules of the NRP apply.

ROUTE CLEARANCES

a. For aircraft operating within the NAR System, the ATC routing clearance and pilot readback will be indicated by the NAR designator, e.g., "North American Route 105B";

b. For aircraft operating in the NAR System, but only using the common route portion, the ATC routing clearance and pilot readback will be indicated by the NAR designator followed by the detailed routing;

c. For aircraft not operating in the NAR System, the ATC routing clearance and pilot readback will be via a detailed route;

d. Aircraft cleared to a system airport via a NAR designator are to follow the common and the non-common portion of the route to a system airport. If either the common or non-common portion of the issued NAR is incompatible or unacceptable, the pilot is to advise ATC accordingly.

DOCUMENTATION

a. It is expected that the following NAR documentation will be carried on the flight deck of each aircraft operating within the NAR system:

1. The current publications of NAV CANADA Canadian Flight Supplement; or Federal Aviation Administration Airport/Facility Directory Northeast U.S. (AFDNE); or another product which provides the current NAR; and

2. the information in the current NAT/OTS message.

b. Changes to the NAR routes are advertised in the monthly publication Notices to Airmen Publication (NTAP).

COMMON PROCEDURES FOR RADIO COMMUNICATIONS FAILURE

a. The following procedures are intended to provide general guidance for North Atlantic (NAT) aircraft experiencing a communications failure. These procedures are intended to complement and not supersede state procedures/regulations. It is not possible to provide guidance for all situations associated with a communications failure.

1. If so equipped, the pilot of an aircraft experiencing a two-way radio communications failure shall:

i. operate the secondary radar transponder on identity Mode A) Code 7600 and Mode C; and

ii. attempt to contact any ATC facility or another aircraft and inform them of the difficulty and request they relay information to the ATC facility with whom communications are intended.

b. Communications failure prior to entering NAT oceanic airspace

1. If operating with a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the cleared oceanic entry point, level and speed and proceed in accordance with the received and acknowledged oceanic clearance. Any level or speed changes required to comply with the oceanic clearance shall be completed within the vicinity of the oceanic entry point.

2. If operating without a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the first oceanic entry point, level and speed, as contained in the filed flight plan and proceed via the filed flight plan route to landfall. That first oceanic level and speed shall be maintained to landfall.

c. Communications failure prior to exiting NAT oceanic airspace

1. Cleared on flight plan route

The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to landfall. After passing the last specified oceanic route point, conform with the relevant State procedures/regulations.

2. Cleared on other than flight plan route

The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall. After passing this point, rejoin the filed flight plan route by proceeding directly to the next significant point ahead of the track of the aircraft as contained in the filed flight plan. Where possible use published ATS route structures, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to the last specified oceanic route point. After this point conform with the relevant State procedures/regulations.

NORTH AMERICAN ROUTES (NAR)

The following listing divides the NAR Route descriptions into two sections according to the direction of flight (eastbound or westbound). Each section is subdivided according to the route portion (common or non-common). The common portion describes the NAR route between the Coastal Fix and the Inland Navigational Facility/Fix. The non-common portion describes the route between the NAR route system airport being used and the Inland Navigational Facility/Fix.

COMMON PORTION (EASTBOUND)

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N5B	SIE	B24 LYNUS	SLATN
N7A	MANTA	OWENZ LINND R56	SLATN
N13C	SIE	B24 LYNUS	JOBBC
N15B	MANTA	OWENZ LINND R56 KENDA	JOBBC
N17B	VITOL	Direct	CARAC
N19B	ALLEX	Direct	CARAC
N21C	VITOL	LOMPI	JAROM
N23E	WHALE	LOMPI	JAROM
N25B	EBONY	LOMPI	JAROM
N27A	VITOL	NANSO	RAFIN
N29B	WHALE	NANSO	RAFIN
N31E	KANNI	NANSO	RAFIN
N33C	MIILS	Direct	BANCS
N35A	WHALE	Direct	BANCS
N37B	KANNI	Direct	BANCS
N39A	BRADD	Direct	BANCS
N41C	MIILS	Direct	BANCS
N43A	KANNI	Direct	COLOR
N45B	BRADD	Direct	COLOR

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N47A	TUSKY	Direct	COLOR
N49A	MIILS	Direct	COLOR
N51B	KANNI	Direct	YYT
N53B	BRADD	Direct	YYT
N55B	TUSKY	Direct	YYT
N57B	ALEX	Direct	YYT
N59A	MIILS	Direct	YYT
N61B	BRADD	Direct	VIXUN
N63B	TUSKY	Direct	VIXUN
N65B	ALEX	Direct	VIXUN
N67B	MIILS	Direct	VIXUN
N75B	BRADD	Direct	YQX
N77B	TUSKY	Direct	YQX
N79B	ALEX	Direct	YQX
N81B	EBONY	Direct	YQX
N83B	MIILS	Direct	YQX
N85A	CEFOU	Direct	YQX
N91B	TUSKY	Direct	CYMON
N93B	ALEX	Direct	CYMON
N95B	EBONY	Direct	CYMON
N97B	MIILS	Direct	CYMON
N99A	CEFOU	Direct	CYMON
N105B	TUSKY	Direct	DOTTY
N107B	ALEX	Direct	DOTTY
N109B	EBONY	Direct	DOTTY
N111B	TOPPS	Direct	DOTTY
N113B	MIILS	Direct	DOTTY
N115B	BAREE	Direct	DOTTY
N121B	ALEX	Direct	YAY
N123A	EBONY	Direct	YAY
N125A	TOPPS	Direct	YAY
N127A	MIILS	Direct	YAY
N129B	BAREE	Direct	YAY
N135B	EBONY	Direct	REDBY
N137B	TOPPS	Direct	REDBY
N139C	TAFFY	Direct	REDBY
N141B	BAREE	Direct	REDBY
N149B	TOPPS	Direct	STEAM
N151E	MIILS	Direct	STEAM
N153C	TAFFY	Direct	STEAM
N155A	ANCER	Direct	STEAM
N161E	TOPPS	Direct	VALIE
N163E	MIILS	Direct	VALIE
N165E	TAFFY	Direct	VALIE
N167E	QUBIS	Direct	VALIE
N169A	ANCER	Direct	VALIE
N171A	YBG	Direct	VALIE
N173B	TOPPS	Direct	FOXXE
N175C	MIILS	Direct	FOXXE
N177C	TAFFY	Direct	FOXXE
N179C	QUBIS	Direct	FOXXE
N181E	ANCER	Direct	FOXXE
N183C	YBG	Direct	FOXXE
N185A	RJ	Direct	FOXXE
N193E	MIILS	Direct	HO
N195C	TAFFY	Direct	HO
N197C	QUBIS	Direct	HO
N209B	TAFFY	Direct	YDP
N211C	QUBIS	Direct	YDP
N225B	TAFFY	Direct	LOMTA
N227B	QUBIS	Direct	LOMTA

COMMON PORTION (WESTBOUND)

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility/Fix
N10A	SLATN	Direct	BERGH
N12B	SLATN	J97	LACKS
N14A	JOBOD	Direct	BERGH
N16A	JOBOD	Direct	SAILE
N18C	DOVEY	Direct	SAILE
N36E	CARAC	Direct	VITOL
N38E	CARAC	Direct	WHALE
N40E	CARAC	Direct	KANNI
N42B	CARAC	Direct	BRADD
N44B	CARAC	Direct	TOPPS
N46E	JAROM	LOMPI	WHALE
N48E	JAROM	LOMPI	KANNI
N50E	JAROM	LOMPI	BRADD
N52E	JAROM	LOMPI	TUSKY
N54E	JAROM	LOMPI	TOPPS
N56E	RAFIN	NANSO	VITOL
N58B	RAFIN	NANSO	WHALE
N60B	RAFIN	NANSO	KANNI
N62A	RAFIN	Direct	BRADD
N64C	RAFIN	Direct	TUSKY
N66C	BANCS	Direct	MIILS
N68C	BANCS	Direct	VITOL
N70B	BANCS	Direct	WHALE
N72B	BANCS	Direct	KANNI
N74B	BANCS	Direct	BRADD
N76A	BANCS	Direct	TUSKY
N78A	BANCS	Direct	MIILS
N80B	COLOR	Direct	WHALE
N82B	COLOR	Direct	KANNI
N84B	COLOR	Direct	BRADD
N86B	COLOR	Direct	TUSKY
N88A	COLOR	Direct	MIILS
N94A	YYT	Direct	KANNI
N96A	YYT	Direct	BRADD
N98A	YYT	Direct	TUSKY
N100B	YYT	Direct	ALLEX
N102B	YYT	Direct	MIILS
N112B	VIXUN	Direct	TUSKY
N114C	VIXUN	Direct	ALLEX
N116A	VIXUN	Direct	MIILS
N118A	VIXUN	Direct	MIILS
N124B	YQX	Direct	TUSKY
N126B	YQX	Direct	ALLEX
N128B	YQX	Direct	EBONY
N130C	YQX	Direct	MIILS
N142B	CYMON	Direct	ALLEX
N144B	CYMON	Direct	EBONY
N146B	CYMON	Direct	TOPPS
N148B	CYMON	Direct	MIILS
N160C	DOTTY	Direct	ALLEX
N162B	DOTTY	Direct	TOPPS
N164B	DOTTY	Direct	MIILS
N168B	DOTTY	Direct	YXU
N170E	DOTTY	YRI	COVAN
N180B	YAY	Direct	ALLEX
N184B	YAY	Direct	TOPPS
N186C	YAY	Direct	TOPPS
N188B	YAY	Direct	YRI
N190C	YAY	YRI	COVAN
N200B	REDBY	Direct	ALLEX
N202B	REDBY	Direct	TOPPS
N204B	REDBY	Direct	TAFFY
N206C	REDBY	Direct	YRI
N208F	REDBY	YRI	COVAN
N220B	STEAM	Direct	TOPPS
N224E	STEAM	BOBBS	TAFFY
N228B	STEAM	Direct	YRI

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility/Fix
N230E	STEAM	YRI	COVAN
N240C	VALIE	Direct	TOPPS
N242B	VALIE	Direct	TAFFY
N248C	VALIE	Direct	YBC
N250F	VALIE	YBC YRI	COVAN
N254A	VALIE	ROBBE	MOFAT
N258A	VALIE	ROBBE MOFAT YOW J559	SYR
N260A	VALIE	ROBBE	MT
N264A	FOXXE	Direct	TAFFY
N268B	FOXXE	Direct	QUBIS
N270B	FOXXE	Direct	YBC
N272E	FOXXE	YBC YRI	COVAN
N276A	FOXXE	SPOTE ROBBE	MOFAT
N280A	FOXXE	SPOTE ROBBE MOFAT YOW J559	SYR
N282A	FOXXE	SPOTE	MT
N284B	HO	Direct	TAFFY
N288C	HO	Direct	QUBIS
N292C	HO	Direct	YBC
N294E	HO	YBC YRI	COVAN
N296E	HO	KELVI	SYR*
N302C	HO	SPOTE ROBBE	MOFAT
N306C	HO	SPOTE ROBBE MOFAT YOW J559	SYR
N308E	HO	YWK	MT
N312A	HO	MT YUY	SSM
N322B	YDP	Direct	TAFFY
N326B	YDP	Direct	QUBIS
N328C	YDP	Direct	YBC
N332C	YDP	Direct	COVAN*
N334E	YDP	YBC YRI	COVAN
N338C	YDP	J583 YWK	MOFAT
N344B	YDP	YMX	SYR*
N346A	YDP	BROME NOWAA	MT
N352C	YDP	BROME NOWAA YOW MT J559	SYR
N354C	YDP	J583 YWK MOFAT YOW YUL J559	SYR
N356C	YDP	YKL	ROUND
N358B	YDP	JOVIE HENDY SELBO CANSO	SSM
N362B	YDP	YKL ROUND CANSO	SSM
N372C	LOMTA	Direct	TAFFY
N374C	LOMTA	Direct	QUBIS
N376C	LOMTA	Direct	YBC
N378F	LOMTA	Direct	COVAN
N382H	LOMTA	YBC YRI	COVAN
N386G	LOMTA	YMX	SYR*
N392E	LOMTA	YKL ROBBE	MOFAT
N396C	LOMTA	TEALS	VANSI
N398B	LOMTA	YKL ROBBE MOFAT YOW J559	SYR
N402E	LOMTA	TEALS VANSI STAFFE	SSM
N412B	LAKES	Direct	TAFFY
N414C	LAKES	HINGE TEALS	MOFAT
N424E	LAKES	MCKEE GELLS	MT
N428C	LAKES	MCKEE GELLS MT YOW J559	SYR
N432B	LAKES	HINGE TEALS MOFAT YOW J559	SYR
N434C	LAKES	MCKEE MEMSO GRAMP LORNE	SSM
N436A	LAKES	DUSMA	TRUDY
N464E	LOPVI	KLIPS	MT
N468E	LOPVI	KLIPS MT YOW J559	SYR
N472E	LOPVI	PELSI SOCAN VETRO	SSM
N474E	LOPVI	FASSA GW GRAVO	TRUDY
N484C	RODBO	SEMTO HENDY	MT
N492B	ELSET	COPUR	ROUND
N494C	RODBO	SEMTO HENDY YOW J559	SYR
N496C	RODBO	SEMTO VEPTU PEMLU	SSM
N498C	RODBO	COPUR CHARN DURIL	YQT
N512C	JELCO	Direct	VANSI
N514C	JELCO	VANSI YOW J559	SYR
N516H	JELCO	HELMO YMO JARRO	SSM

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility/Fix
N518C	JELCO	GRAND SEGAN	YQT
N522C	JELCO	SCA JULIETT RIONA	VBI
N528A	FEDDY	GW PELEE XYZ	SSM
* NOTE: Routes through Bagotville (YBG) Military Advisory Areas (CYAs) only available from 2300 UTC (DT2200 UTC) Fri to 1100 UTC (DT 1000 UTC) Mon unless declared active by NOTAM.			

NON-COMMON PORTION (WESTBOUND)

VIA ALEX

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ALEX	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
ALEX	ENE BAF J77 PTW J48 MOL FLCN Arrival	ATLANTA
ALEX	ENE NELIE J75 MXE V378 BAL	BALTIMORE
ALEX	SCUPP	BOSTON
ALEX	EMJAY J174	CHARLESTON, SC
ALEX	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
ALEX	ENE BAF J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
ALEX	SEAER J79 LFV J174 HTO J121 SIE	DOVER
ALEX	ENE BAF J77 SAX J6 LRP Delro Arrival	DULLES
ALEX	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
ALEX	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
ALEX	ENE Kennebunk Arrival	KENNEDY
ALEX	SEAER J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
ALEX	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
ALEX	HANAA ALB V213 SAX	NEWARK
ALEX	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
ALEX	SEAER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
ALEX	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
ALEX	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
ALEX	ENE BAF J77 SAX J80 VHP Vandalia Arrival	ST LOUIS
ALEX	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA BERGH

Inland Navigation Facility/Fix	Non-Common Portion	Destination
BERGH	L454 OWENZ DRIFT J121 SIE	DOVER
BERGH	L454 J62 RBV RBV289 radial V457 LRP V143 MULRR AML	DULLES
BERGH	L454 OWENZ CAMRN	KENNEDY
BERGH	L454 OWENZ MANTA V276 GAMBY	MCGUIRE
BERGH	L454 OWENZ V139 BRIGS V577 VCN Cedar Lake Arrival	PHILADELPHIA

VIA BRADD

Inland Navigation Facility/Fix	Non-Common Portion	Destination
BRADD	LFV J174 ATR085 radial ATR V308 OTT	ANDREWS
BRADD	BOS J77 PTW J48 MOL FLCN Arrival	ATLANTA
BRADD	BOS J75 MXE V378 BAL	BALTIMORE
BRADD	SCUPP	BOSTON
BRADD	LFV J174	CHARLESTON, SC
BRADD	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
BRADD	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
BRADD	LFV J174 HTO J121 SIE	DOVER
BRADD	BOS J77 SAX J6 LRP Delro Arrival	DULLES
BRADD	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
BRADD	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
BRADD	PLYMM Plymouth Arrival	KENNEDY
BRADD	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE

Inland Navigation

Facility/Fix	Non-Common Portion	Destination
BRADD	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
BRADD	BOS BAF Shaff Arrival	NEWARK
BRADD	LFV J150 HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
BRADD	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
BRADD	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
BRADD	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
BRADD	BOS J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
BRADD	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA COVAN

Inland Navigation

Facility/Fix	Non-Common Portion	Destination
COVAN	ALB J37 J75 MXE V378 BAL	ANDREWS
COVAN	ALB J6 SAX J77 PTW J48 ODF FLCON Arrival	ATLANTA
COVAN	ALB PWL CMK J75 MXE V378 BAL	BALTIMORE
COVAN	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON, SC
COVAN	ALB PWL CMK J75 GVE LYH SUDSY Arrival	CHARLOTTE
COVAN	ALB J6 SAX J6 LIT BYP Arrival	DALLAS/FT. WORTH
COVAN	ALB J37 JFK CYN SIE	DOVER
COVAN	ALB J6 LRP DELRO Arrival	DULLES
COVAN	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS J79 OMN FISEL Arrival	FT. LAUDERDALE
COVAN	ALB IGN IGN Arrival	KENNEDY
COVAN	ALB DNY LHY V93 LVZ V147 MAZIE	MCGUIRE
COVAN	ALB PWL CMK J75 CAE J51 SAV J103 OMN HILEY Arrival	MIAMI
COVAN	HANAA ALB V213 SAX	NEWARK
COVAN	ALB PWL CMK J75 CAE J75 DUNKN AMG LEESE Arrival	ORLANDO
COVAN	ALB DNY SLATT Arrival	PHILADELPHIA
COVAN	ALB J49 HNK HNK271 radial J190 SLT GRACE Arrival	PITTSBURGH
COVAN	ALB PWL CMK J75 TAY DADES Arrival	TAMPA

VIA EBONY

Inland Navigation

Facility/Fix	Non-Common Portion	Destination
EBONY	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
EBONY	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
EBONY	ENE NELIE J75 MXE V378 BAL	BALTIMORE
EBONY	SCUPP	BOSTON
EBONY	EMJAY J174	CHARLESTON, SC
EBONY	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
EBONY	ENE BAF J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
EBONY	SEAER J79 LFV J174 HTO J121 SIE	DOVER
EBONY	ENE BAF J77 SAX J6 LRP Delro Arrival	DULLES
EBONY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
EBONY	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
EBONY	ENE Kennebunk Arrival	KENNEDY
EBONY	SEAER J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
EBONY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
EBONY	HANAA ALB V213 SAX	NEWARK
EBONY	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
EBONY	SEAER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
EBONY	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
EBONY	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
EBONY	ENE BAF J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
EBONY	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA HANRI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
HANRI	M201 BAHAA AR21 CRANS Fisel Arrival	FT. LAUDERDALE
HANRI	M201 JENKS AR22 JORAY Hiley Arrival	MIAMI
HANRI	M201 BAHAA AR15 HIBAC Cwrlid Arrival	ORLANDO
HANRI	M201 JENKS AR19 AYBID Frway Arrival	PALM BEACH
HANRI	M201 BAHAA AR15 ORL Lzard Arrival	TAMPA

VIA KANNI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
KANNI	LFV J174 ATR085 radial ATR V308 OTT	ANDREWS
KANNI	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
KANNI	BOS J75 MXE V378 BAL	BALTIMORE
KANNI	SCUPP	BOSTON
KANNI	LFV J174	CHARLESTON, SC
KANNI	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
KANNI	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
KANNI	LFV J174 HTO J121 SIE	DOVER
KANNI	BOS J77 SAX J6 LRP Delro Arrival	DULLES
KANNI	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
KANNI	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
KANNI	PLYMM Plymouth Arrival	KENNEDY
KANNI	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
KANNI	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
KANNI	BOS BAF Shaff Arrival	NEWARK
KANNI	LFV J150 HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
KANNI	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
KANNI	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
KANNI	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
KANNI	BOS J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
KANNI	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA LACKS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
LACKS	J97 ACK SCUPP	BOSTON

VIA MILLS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MILLS	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
MILLS	YOW J553 ECK FNT PAITN Arrival	CHICAGO
MILLS	YMX J546 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
MILLS	YMX J546 YSO J558 YXU J545 DJB J29 PXV J131 LIT BYP	DALLAS/FT. WORTH
MILLS	YMX J546 YSO J597 YQO V464 Spica Arrival	DETROIT
MILLS	YMX J546 YSO J558 YXU J545 DJB J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
MILLS	VLV J509 V352 OMBRE Ombre Arrival	MONTREAL/TRUDEAU
MILLS	ATENE CATOG Catog Arrival	MONTREAL/MIRABEL
MILLS	YXI YEE ECK GIJ RBS Vandalia Arrival	ST. LOUIS*
MILLS	YMX J546 V300 YSO J37	TORONTO

* NOTE:

St. Louis route useable only for aircraft at or above FL350.

VIA MOFAT

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MOFAT	ALB J37 J75 MXE V378 BAL	ANDREWS
MOFAT	TVC OBK J73 BNA Rome Arrival	ATLANTA
MOFAT	ALB PWL CMK J75 MXE V378 BAL	BALTIMORE
MOFAT	ALB J6 SAX J77 PTW J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON
MOFAT	ALB PWL CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
MOFAT	SEDOT ASP PAITN Arrival	CHICAGO
MOFAT	YXI J597 YSO J558 YXU J545 DJB J38 APE Cince Arrival	CINCINATTI
MOFAT	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
MOFAT	SMARE ECK POLAR Polar Arrival	DETROIT
MOFAT	ALB J37 JFK CYN SIE	DOVER
MOFAT	ALB J6 LRP Delro Arrival	DULLES
MOFAT	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J93 WEAVR J121 CHS J79 OMN Fisel Arrival	FT. LAUDERDALE
MOFAT	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
MOFAT	ALB IGN IGN Arrival	KENNEDY
MOFAT	ALB DNY LHY V93 LVZ V147 MAZIE	MCGUIRE
MOFAT	ALB PWL CMK J75 CAE J51 SAV J103 OMN HILEY Arrival	MIAMI
MOFAT	OBRET J570 YMX Mirabel Arrival	MONTREAL/MIRABEL
MOFAT	OBRET J570 YMX Antag Arrival	MONTREAL/TRUDEAU
MOFAT	ALB PWL CMK J75 CAE DUNKN AMG Leese Arrival	ORLANDO
MOFAT	ALB DNY Slatt Arrival	PHILADELPHIA
MOFAT	ALB J49 HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
MOFAT	TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS
MOFAT	ALB CMK J75 Dades Arrival	TAMPA
MOFAT	YXI J597 V216 YSO JV37	TORONTO

VIA MT

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MT	ALB J37 J75 MXE V378 BAL	ANDREWS
MT	TVC OBK J73 BNA Rome Arrival	ATLANTA
MT	ALB PWL CMK J75 MXE V378 BAL	BALTIMORE
MT	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON
MT	ALB PWL CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
MT	SSM PAITN Arrival	CHICAGO
MT	YXI J597 YSO YXU J545 DJB J83 APE Cince Arrival	CINCINATTI
MT	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
MT	SEDOT ECK POLAR POLAR ARRIVAL	DETROIT
MT	ALB J37 JFK CYN SIE	DOVER
MT	ALB J6 LRP Delro Arrival	DULLES
MT	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J93 WEAVR J121 CHS J79 OMN Fisel Arrival	FT. LAUDERDALE
MT	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
MT	ALB IGN IGN Arrival	KENNEDY
MT	ALB DNY LHY V93 LVZ V147 MAZIE	MCGUIRE
MT	ALB PWL CMK J75 CAE J51 SAV J103 OMN Hiley Arrival	MIAMI
MT	J570 YMX Mirabel Arrival	MONTREAL/MIRABEL
MT	J570 YMX Antag Arrival	MONTREAL/TRUDEAU
MT	ALB PWL CMK J75 CAE J75 DUNKN AMG Leese Arrival	ORLANDO
MT	ALB DNY Slatt Arrival	PHILADELPHIA
MT	ALB J49 HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
MT	TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS
MT	ALB CMK J75 TAY Dades Arrival	TAMPA
MT	YXI J597/V216 YSO V37	TORONTO

VIA NUCAR

Inland Navigation Facility/Fix	Non-Common Portion	Destination
NUCAR	NEPTA J58 AEX Scurry Arrival	DALLAS/FT WORTH
NUCAR	CRANS Fisel Arrival	FT. LAUDERDALE
NUCAR	JORAY Hiley Arrival	MIAMI
NUCAR	BAIRN Goofy Arrival	ORLANDO
NUCAR	BRDGE Bridge Arrival	TAMPA
NUCAR	AYBID Frway Arrival	PALM BEACH

VIA QUBIS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
QUBIS	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
QUBIS	ALB J6 SAX J77 PTW J48 MOL FLCON Arrival	ATLANTA
QUBIS	ENE NELIE J75 MXE V378 BAL	BALTIMORE
QUBIS	SCUPP	BOSTON
QUBIS	EMJAY J174	CHARLESTON, SC
QUBIS	ENE NELIE J75 GVE LYH Sudsy Arrival	CHARLOTTE
QUBIS	ALB J6 LIT BYP	DALLAS/FT. WORTH
QUBIS	ALB J6 LRP Delro Arrival	DULLES
QUBIS	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
QUBIS	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
QUBIS	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
QUBIS	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
QUBIS	ALB J49 HNK HNK271 radial J190 GRACE Grace Arrival	PITTSBURGH
QUBIS	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
QUBIS	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA ROUND

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ROUND	TVC OBK J73 BNA Rome Arrival	ATLANTA
ROUND	SSM PAITN Arrival	CHICAGO
ROUND	YXI J597 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
ROUND	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
ROUND	YVO SEDOT ECK POLAR Polar Arrival	DETROIT
ROUND	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
ROUND	TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS
ROUND	YXI J597 V216 YSO V37	TORONTO

VIA SAILE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SAILE	ACK HTO J174 ATR085 radial ATR V308 OTT	ANDREWS
SAILE	ACK HTO RBV V230 J48 MOL FLCON Arrival	ATLANTA
SAILE	SCUPP	BOSTON
SAILE	ACK HTO J174	CHARLESTON, SC
SAILE	ACK HTO J121 SIE	DOVER
SAILE	ACK J62 RBV RBV289 radial V457 LRP Delro Arrival	DULLES
SAILE	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
SAILE	PLYMM Plymouth Arrival	KENNEDY
SAILE	ACK HTO J121 DRIFT V312 CYN	MCGUIRE
SAILE	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
SAILE	BOS BAF Shaff Arrival	NEWARK
SAILE	ACK HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
SAILE	ACK HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
SAILE	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
SAILE	NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA SSM

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SSM	GRB J101 BAE J89 OBK J73 BNA Rome Arrival	ATLANTA
SSM	PAITN Arrival	CHICAGO
SSM	J101 BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
SSM	GEP J114	DENVER
SSM	STL J101 LIT J180 DAS Daisetta Arrival	HOUSTON
SSM	EAU Eau Arrival	MINNEAPOLIS/ ST. PAUL
SSM	J548 TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS

VIA SYR

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SYR	FQM HAR V265 KOLBY PSB149 radial SHILO V93 BAL	ANDREWS
SYR	J59 PSB J78 HVQ J145 ODF FLCON Arrival	ATLANTA
SYR	FQM RAY V170 V499 TRISH	BALTIMORE
SYR	FQM HAR EMI J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON, SC
SYR	J59 PSB J78 HVQ Johns Arrival	CHARLOTTE
SYR	J29 DJB J83 APE Cince Arrival	CINCINNATI
SYR	J29 PXV J131 LIT BYP	DALLAS/FT. WORTH
SYR	HAR LRP V210 SPERY	DOVER
SYR	J59 PSB PSB151 SEG201 HYPER Delro	DULLES
SYR	J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
SYR	IGN KINGSTON Arrival	KENNEDY
SYR	LVZ V147 MAZIE	McGUIRE
SYR	HNK V167 HELON V213 SAX	NEWARK
SYR	CFB SLATT Arrival	PHILADELPHIA
SYR	J29 JHW YNG CUTTA	PITTSBURGH
SYR	J29 ROD VHP Vandalia Arrival	ST. LOUIS

VIA TAFFY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TAFFY	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
TAFFY	ALB J6 SAX J77 PTW J48 MOL FLCON Arrival	ATLANTA
TAFFY	PQI J55 ENE NELIE J75 MXE V378 BAL	BALTIMORE
TAFFY	SCUPP	BOSTON
TAFFY	EMJAY J174	CHARLESTON, SC
TAFFY	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
TAFFY	ALB J6 SAX J6 LIT BYP	DALLAS/FT.WORTH
TAFFY	SEAEER J79 LFV J174 HTO J121 SIE	DOVER
TAFFY	ALB J6 LRP Delro Arrival	DULLES
TAFFY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TAFFY	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
TAFFY	ENE Kennebunk Arrival	KENNEDY
TAFFY	SEAEER J79 LFV J174 HTO J121 DRIFT V312 CYN	McGUIRE
TAFFY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TAFFY	HANAA ALB V123 SAX	NEWARK
TAFFY	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
TAFFY	SEAEER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
TAFFY	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
TAFFY	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
TAFFY	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA TOPPS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TOPPS	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
TOPPS	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
TOPPS	ENE NELIE J75 MXE V378 BAL	BALTIMORE
TOPPS	SCUPP	BOSTON
TOPPS	EMJAY J174	CHARLESTON, SC
TOPPS	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
TOPPS	YOW J553 ECK FNT PAITN Arrival	CHICAGO
TOPPS	YOW J546 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
TOPPS	ENE BAF J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
TOPPS	YOW J546 YSO J597 YQO V464 Spica Arrival	DETROIT
TOPPS	SEAEJ J79 LFV J174 HTO J121 SIE	DOVER
TOPPS	ENE BAF J77 SAX J6 LRP Delro Arrival	DULLES
TOPPS	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TOPPS	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
TOPPS	ENE Kennebunk Arrival	KENNEDY
TOPPS	SEAEJ J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TOPPS	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TOPPS	HANAA ALB V213 SAX	NEWARK
TOPPS	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
TOPPS	SEAEJ J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
TOPPS	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
TOPPS	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
TOPPS	ENE BAF J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
TOPPS	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA
TOPPS	OMBRE Ombre Arrival	MONTREAL/TRUDEAU
TOPPS	VLV J565 V363 Catog Arrival	MONTREAL/MIRABEL
TOPPS	YOW J546 V300 YSO V37	TORONTO

VIA TUSKY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TUSKY	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
TUSKY	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
TUSKY	BOS J75 MXE V378 BAL	BALTIMORE
TUSKY	SCUPP	BOSTON
TUSKY	EMJAY J174	CHARLESTON, SC
TUSKY	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
TUSKY	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
TUSKY	LFV J174 HTO J121 SIE	DOVER
TUSKY	BOS J77 SAX J6 LRP Delro Arrival	DULLES
TUSKY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TUSKY	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
TUSKY	PLYMM Plymouth Arrival	KENNEDY
TUSKY	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TUSKY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TUSKY	BOS BAF Shaff Arrival	NEWARK
TUSKY	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
TUSKY	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
TUSKY	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
TUSKY	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
TUSKY	BOS J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
TUSKY	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA VANSI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VANSI	TVC OBK J73 BNA Rome Arrival	ATLANTA
VANSI	SSM PAITN Arrival	CHICAGO
VANSI	YXI J597 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINATTI
VANSI	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
VANSI	YVO SEDOT ECK POLAR Polar Arrival	DETROIT
VANSI	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
VANSI	TVC OBX J71 RBS Vandalia Arrival	ST LOUIS
VANSI	YXI J597 V216 YSO V37	TORONTO

VIA VITOL

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VITOL	ACK HTO J174 ATR085 radial ATR V308 OTT	ANDREWS
VITOL	ACK HTO RBV J230 J48 MOL FLCON Arrival	ATLANTA
VITOL	SCUPP	BOSTON
VITOL	ACK HTO J174	CHARLESTON, SC
VITOL	ACK HTO J121 SIE	DOVER
VITOL	ACK J62 RBV RBV289 radial V457 LRP Delro Arrival	DULLES
VITOL	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
VITOL	PLYMM Plymouth Arrival	KENNEDY
VITOL	ACK HTO J121 DRIFT V312 CYN	MCGUIRE
VITOL	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
VITOL	BOS BAF Shaff Arrival	NEWARK
VITOL	ACK HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
VITOL	ACK HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
VITOL	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
VITOL	NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA WHALE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
WHALE	LFV J174 ATR085 radial ATR V308 OTT	ANDREWS
WHALE	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
WHALE	BOS J75 MXE V378 BAL	BALTIMORE
WHALE	SCUPP	BOSTON
WHALE	LFV J174	CHARLESTON, SC
WHALE	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
WHALE	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
WHALE	LFV J174 HTO J121 SIE	DOVER
WHALE	BOS J77 SAX J6 LRP V143 Delro Arrival	DULLES
WHALE	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
WHALE	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
WHALE	PLYMM Plymouth Arrival	KENNEDY
WHALE	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
WHALE	LFV J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
WHALE	BOS BAF Shaff Arrival	NEWARK
WHALE	LFV J150 HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
WHALE	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
WHALE	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
WHALE	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
WHALE	BOS J77 SAX J80 VHP Vandalia Arriva	ST. LOUIS
WHALE	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA YBC

Inland Navigation Facility/Fix	Non-Common Portion	Destination
YBC	VBS POLTY YSO YXU J545 DJB J83 APE J186 SOT FLCON Arrival	ATLANTA
YBC	VBS SEDOT ECK FNT PAITN Arrival	CHICAGO
YBC	VBS POLTY YSO YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
YBC	VBS POLTY YSO YXU J545 DJB J29 PXV J131 LIT BYP	DALLAS/FT WORTH
YBC	VBS YXI YVV ECK POLAR Polar Arrival	DETROIT
YBC	VBS POLTY YSO YXU J545 DJB J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
YBC	BLAKK Catog Arrival	MONTREAL/MIRABEL
YBC	BLAKK OMBRE Ombre Arrival	MONTREAL/TRUDEAU
YBC	VBS YXI YEE ECK GIJ RBS Vandalia Arrival	ST. LOUIS
YBC	YMX J546 V300 YSO V37	TORONTO

VIA YRI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
YRI	POLTY YSO YXU J545 DJB J83 APE J186 SOT FLCON Arrival	ATLANTA
YRI	SEDOT ASP PAITN Arrival	CHICAGO
YRI	POLTY YSO YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
YRI	POLTY YSO YXU J545 DJB J29 PXV J131 LIT BYP	DALLAS/FT WORTH
YRI	YXI YVV ECK POLAR Polar Arrival	DETROIT
YRI	POLTY YSO YXU J545 DJB J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
YRI	BLAKK Catog Arrival	MONTREAL/MIRABEL
YRI	MUROP OMBRE Ombre Arrival	MONTREAL/TRUDEAU
YRI	YXI YEE ECK GIJ RBS Vandalia Arrival	ST. LOUIS
YRI	YMX J546 V300 YSO V37	TORONTO

VIA ZQA

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ZQA	BR22V DEKAL	FT LAUDERDALE
ZQA	BR49V FOWEE Fowee Arrival	MIAMI
ZQA	BR54V	PALM BEACH

RNAV Routing Pitch and Catch Points

The purpose of this section of the Special High Altitude Routes is to present user routing options for flight within the initial HAR Phase I expansion airspace. Users are able to fly user-preferred routes, referred to as non-restrictive routing (NRR), between specific fixes described by **pitch** (entry into) and **catch** (exit out of) fixes in the HAR airspace. Pitch points indicate an end of departure procedures, preferred IFR routings, or other established routing programs where a flight can begin a segment of NRR. The catch point indicates where a flight ends a segment of NRR and joins published arrival procedures, preferred IFR routing, or other established routing programs.

The HAR Phase I expansion airspace is defined as that airspace at and above FL 350 in fourteen of the western and southern Air Route Traffic Control Centers (ARTCCs). The airspace includes Minneapolis (ZMP), Chicago (ZAU), Kansas City (ZKC), Denver (ZDV), Salt Lake City (ZLC), Oakland (ZOA), Seattle Centers (ZSE), Los Angeles (ZLA), Albuquerque (ZAB), Fort Worth (ZFW), Memphis (ZME), and Houston (ZHU). Jacksonville (ZJX) and Miami (ZMA) are included for east-west routes only.

To develop a flight plan, select pitch and catch points based upon your desired route across the Phase I airspace. Filing requirements to pitch points, and from catch points, remain unchanged from current procedures. For the portion of the route between the pitch and catch points, non-restrictive routing is permitted.

Where pitch points for a specific airport are not identified, aircraft should file an appropriate departure procedure (DP), or any other user preferred routing prior to the NRR portion of their routing. Where catch points for a specific airport are not identified aircraft should file, after the NRR portion of their routing, an appropriate arrival procedure or other user preferred routing to their destination.

Additionally, information concerning the location and schedule of Special Use Airspace (SUA) and Air Traffic Control Assigned Airspace (ATCAA) can be found on the Web Site: <http://sua.faa.gov/sua/Welcome.do>. ATCAA refers to airspace in the high altitude structure supporting military and other special operations. Users are encouraged to file around these areas when they are scheduled to be active, thereby avoiding unplanned reroutes around them.

In conjunction with the HAR program RNAV routes have been established to provide for a systematic flow of air traffic in specific portions of the enroute flight environment. The designator for these RNAV routes begin with the letter Q, for example, Q-501. Where those routes aid in the efficient orderly management of air traffic they will be published as preferred IFR routes.

HAR Special High Altitude Pitch (entry) Points for Nonrestrictive Routing for Airports Located Outside HAR Phase I Expansion Airspace

Westbound traffic originating outside of HAR airspace entering ZMP, ZAU, ZKC and ZME can begin non-restrictive routing over any of the following pitch points (listed from north to south):

DLH, CESNA, GEP, BAE, MKG, GRR, PMM, GSH, CADIZ, FWA, VHP, FLM, IIU, PXV, SGF, RZC, BNA, SALMS, VUZ, BOYDD, MIE.

Traffic originating outside of HAR airspace may also begin Nonrestrictive Routing upon crossing the pitch line depicted on the associated graphic.

HAR Special High Altitude Pitch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists pitch points for airports within the HAR Phase I expansion airspace.

Albuquerque	ABQ, GUP, HANOS or ZUN
Austin	ABI, FUZ, JCT, MQP, NAVYS, SJT or TNV
Boca Raton, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Burbank includes Santa Monica and Van Nuys	GMN, MARKS or DAG LAS or HEC EED or PMD BLH
Chicago Terminal Area	IOW, PLL275065, MZV or BAE
Dallas/Fort Worth Terminal Area	ABI, LBB, GTH, CDS, MRMAC, IRW, TUL, MLC, TXK ELD, SWB or Aircraft destined the Chicago terminal area Except MDW EAKER MIDEE BDF BRADFORD-STAR or MLC J105 SGF BDF BRADFORD-STAR
Denver Terminal Area	PUB, DVC, DBL, RLG, EKR, LAR, MBW, CYS, BFF, HANKI, NATTI, ASHBY, BELKE, CABET, WEEDS, OR BINKE
Fort Lauderdale (or) Fort Lauderdale Executive	THNDR KPASA Q118 LENIE or THNDR KPASA Q116 CEEYA or THNDR KPASA Q110 FEONA or THNDR SMELZ Q106 GADAY or THNDR SMELZ Q106 BULZI
Houston Bush	LIT, EMG, MLC, JCT or Aircraft destined Atlanta Terminal Area LCH Q24 PAYTN HONIE-RNAV STAR or Aircraft joining J37 to the northeast, BPT GUSTI Q22 CATLN or Aircraft joining J42 to the northeast, ELD Q32 J42

Houston Hobby	LIT, EMG, MLC, JCT, or Aircraft joining J42 to the northeast, ELD Q32 J42
Jacksonville, FL	TAY
Kansas City Terminal Area	TIFT0, CATTS or KENTN
Los Angeles, includes Ontario	GMN, RZS or DAG LAS or TRM EED or TRM PKE
Las Vegas	DOBNE, MOSBI, NICLE, TRALR or ZELOT
Long Beach includes Orange County	GMN SNS, EHF, LANDO or TRM PKE or TRM EED
Memphis	BNA, HAAWK, SALMS or SQS
Miami Terminal Area	WINCO KPASA Q118 LENIE or WINCO KPASA Q116 CEEYA or WINCO KPASA Q110 FEONA or WINCO SMELZ Q106 GADAY or WINCO SMELZ Q106 BULZI
Milwaukee	GREAS
Minneapolis Terminal Area*	ONL, ABR, FAR, OBH, OVR, FOD
New Orleans Terminal Area	AEX, MEI, SQS, KAPLN
Orlando Terminal Area	WEBBS BRUTS Q118 LENIE or WEBBS GULFR Q116 CEEYA or WEBBS BULZI Q106 GADAY or WEBBS FEONA or WEBBS BULZI
Palm Beach, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Palm Springs	TRM JOTNU BLD or TRM EED or TRM PKE
Phoenix	CHILY, CIE, CULTS, RSK, DOVEE, GCN, MESSI, SJN, DRYHT or MOHAK
Portland, OR	PDT, TIMEE

Salt Lake City	HVE, DTA, MLF, BCE, OAL, MTU, BVL, OCS, TWF, DBS, BPI or TCH J56 CHE or TCH J173 EKR
Saint Louis	VIH, MAP, MYERZ, MCM or HLV MCI
San Antonio Terminal Area	FUZ, SJT, MQP, ABI or Aircraft North of LFK, LFK or Aircraft South of HUB, ELA or Aircraft South of LFK and North of HUB LCH
San Diego	TRM EED or TRM PKE or TRM JOTNU BLD
San Francisco Bay Area Oakland San Jose	GALLI, INSLO, HAROL JSICA GALLI, INSLO, HAROL JSICA GALLI or INSLO
Seattle	BLUIT
Southwest Florida Airports (RSW/FMY)	JOCKS KPASA Q118 LENIE or JOCKS KPASA Q116 CEEYA or JOCKS KPASA Q110 FEONA or JOCKS SMELZ Q106 GADAY or JOCKS SMELZ Q106 BULZI
Tampa Terminal Area	FEONA, BULZI or BRUTS Q118 LENIE or GULFR Q116 CEEYA or BULZI Q106 GADAY

*MSP area departures with destinations east of 93 degrees west longitude via preferred IFR routing.

Catch Points for Airports Located Outside HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to specific destinations which are outside the HAR Phase I airspace.

Atlanta Terminal Area	Aircraft through ZME airspace from ZKC airspace east of FAM, Pless Q19 BNA or Aircraft through ZME airspace from ZKC airspace west of FAM, ARG Q26 DEVAC or MEM or Aircraft through ZME airspace from ZID airspace west of a line from VHP to BWG, BNA or Aircraft through ZME airspace from ZID airspace east of a line from VHP to BWG, BWG or Aircraft through ZME airspace from ZFW airspace, MEM or MEI HONIE (RNAV)–STAR or PATYN HONIE (RNAV)–STAR
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Baltimore–Washington*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA or VUZ
Boston*	GEP, CRL, ECK, IIU, BNA or VUZ
Buffalo*	GEP, CRL
Hartford Bradley*	GEP, CRL
Canton–Akron*	GIJ, VHP, GEP
Charlotte	BNA, VUZ
Cincinnati Terminal Area	BNA, PXV or Aircraft north of SLC, JOT or Aircraft over or south of SLC, ENL or SLC or SFO departures, ENL, JOT
Cleveland Terminal Area*	OBK
Detroit Terminal Area	BAE MKG POLAR–STAR or VHP FWA MIZAR–STAR
Detroit Young	VHP FWA or LAN SPRTN–STAR
Indianapolis Terminal Area	BIB, SPI, JOT
Louisville	ENL, MEM
Newark*	GEP, VHP, FLM, IIU, BNA, VUZ or IOW GIJ J554 CRL J584 SLT FQM
New York Kennedy*	GEP, VHP, FLM, IIU, BNA, VUZ or DBQ J94 PMM J70 LVZ LENDY–STAR
New York LaGuardia*	GIJ, GEP, VHP, BAE, FLM, IIU, BNA, VUZ
Philadelphia Terminal Area*	GIJ, GEP, VHP, BAE, WHETT, BNA, VUZ
Pittsburgh Terminal Area*	VHP, GIJ, BAE, GEP
Pontiac	LFD, LAN, VHP, FWA, GEP
Providence	JHW, HEMDI, CESNA, GEP, GRB, TVC, ASP, VHP, IIU, BNA, VUZ
Raleigh–Durham	FLM, IIU, BNA, VUZ
Toronto Terminal Area	ECK, SVM, SSM, GEP
Teterboro*	GEP, VHP, CRL, BNA, VUZ
Washington Dulles/National*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA, VUZ
White Plains*	GEP, VHP, CRL, FLM, IIU, BNA, VUZ
Willow Run*	LAN, LFD, VHP, FWA, GEP

*Eastbound aircraft over flying ZMP center airspace entering Toronto center airspace, file direct SSM or via J63, J522, Q505, Q504, Q502, Q501

or

Entering ZAU or ZOB airspace from north of DPR J16 MCW, GEP

or

Entering ZAU or ZOB airspace from or south of DPR J16 MCW, CRL.

Catch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to airports which are below HAR Phase I airspace.

Albuquerque Terminal Area	CURLY CURLY-STAR or ESPAN FRIHO-STAR or LAVAN LAVAN-STAR or FTI FRIHO-STAR or MIERA MIERA-STAR
Austin Terminal Area	Aircraft west of a north-south line at LFK, BLEWE or Aircraft east of a north-south line at LFK, IDU or LLO
Boca Raton, FL	CEW DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or SZW INPIN SHDAY (RNAV)-STAR
Chicago Midway	CVA MOTIF-STAR or PIA MOTIF-STAR or DBQ CVA MOTIF-STAR or LMN MOTIF-STAR
Chicago O'Hare Terminal Area	GEP DLL MSN JVL JANESVILLE-STAR or TVC PULLMAN-STAR or FOD DBQ JVL JANESVILLE-STAR or MCW JANESVILLE-STAR or GCK IRK BRADFORD-STAR
Dallas/Fort Worth Terminal Area	IRW, LOSZY, FSM, LIT, SQS, MLU, AEX, JUMBO, TQA, TURKI, HEATR Aircraft through ZME airspace from north and west of PXV, RZC, Q23 FSM or Aircraft through ZME airspace from east of PXV, PXV Q25 MEEOW or Aircraft through ZME airspace from J6 down to, but not including J52, LIT, SQS or Aircraft through ZME airspace from J52 and south of J52, SQS

Denver Terminal Area	OATHE DANDD-STAR
	or
	HGO QUAIL-STAR
	or
	LOPEC-STAR
	or
	ALS LARKS-STAR
	or
	HBU POWDR-STAR
	or
	EKR TOMSN-STAR
	or
	CHE TOMSN-STAR
	or
	BFF LANDR-STAR
	or
	LBF SAYGE-STAR
	or
	HCT SAYGE-STAR
	or
	RSK LARKS-STAR
	or
	LAA QUAIL-STAR
	or
	GCK J154 RYLIE DANDD-STAR
	or
	OCS J154 ALPOE RAMMS-STAR
	or
	YANKI J114 SNY LANDR-STAR
	or
	Aircraft filed BIL or east, MBW RAMMS-STAR
Ft Lauderdale or Ft Lauderdale Executive	CEW DEFUN Q104 PIE SWAGS (RNAV)-STAR
	Aircraft through ZHU airspace remain south ZME and ZTL airspace
	or
Houston Bush	SZW HEVVN Q104 PIE SWAGS (RNAV)-STAR
	CRP, CVE, LLO, LUKIY, SAT
	or
	Aircraft south and east of LLA, LLA
	or
	MISLE Q40 AEX
	or
	Aircraft north and east of SJI, SJI
	or
	Aircraft east of PXV, PXV Q31 DHART SWB
Houston Hobby	or
	Aircraft north and west of PXV, PROWL Q33 DHART SWB
	CRP, ELLVR, SAT, SWB
	or
	Aircraft south and east of GIRLY, GIRLY
	or
	Aircraft north and east of SJI, SJI
	or
	BESOM Q38 ROKIT ROKIT-STAR
	or
Jacksonville	Aircraft east of PXV, PXV Q29 HARES SWB
	or
	Aircraft north and west of PXV, PROWL Q33 DHART SWB
	GADAY ZOOSS TAY
	Aircraft through ZHU airspace remain south of ZME and ZTL airspace
	or
	ZOOSS TAY

John Wayne–Orange County	HEC, PGS, BLD or Aircraft south of TBC from ZAB airspace, HIPPI
Kansas City Terminal Area	LMN BRAYMER–STAR or PWE ROBINSON–STAR or EMP JHAWK–STAR
Las Vegas	DILCO, LIDAT, IGM or Aircraft over PGA or north of PGA KSINO or Aircraft south of PGA PGS LYNBY
Los Angeles Terminal Area	Aircraft North of TBC, HEC, PGS or Aircraft South of TBC from ZAB airspace, HIPPI, MESSI
Miami Terminal Area	CEW DEFUN Q104 CYY DEEDS (RNAV)–STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVVN Q104 CYY DEEDS (RNAV)–STAR
Minneapolis Terminal Area	Aircraft from north, west, south, FAR GOPHER–STAR or RWF SKETR–STAR or ALO KASPR–STAR or BRD GOPHER–STAR or BAE EAU CLAIRE–STAR or FOD TWOLF–STAR
Memphis Terminal Area	ARG, BWG, FSM, PXV, LIT, RZC, SQS, VUZ, BNA, GQO, ELD
Naples, FL	CEW DEFUN Q104 PLYER PIKKR (RNAV)–STAR Aircraft through ZHU AIRSPACE remain south of ZME and ZTL airspace or SZW HEVVN Q104 PLYER PIKKR (RNAV)–STAR
Nashville	CCT, GHM, GUITR, TINGS, VOLL
New Orleans Terminal Area	BLUEZ, GPT, LCH, MCB, TBD, FATSO
Oakland	ILA or KATTS PAMMY or Aircraft over or south of a line ILC J16 DVC REANA KATTS PAMMY or Aircraft from north of ILC, JOPER PAMMY or KATTS PAMMY or Aircraft over or south of ILC, REANA KATTS PAMMY
Orlando Terminal Area	GADAY Q108 CLAWZ LEESE–STAR Aircraft through ZHU airspace remain south of ZME/ZTL airspace or OTK LEESE–STAR

Palm Beach, FL	CEW DEFUN Q112 INPIN GULLO (RNAV)–STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW INPIN GULLO (RNAV)–STAR
Phoenix	CORKR DRK or Aircraft from ZDV airspace, GUP or Aircraft from ZAB airspace, ZUN, MOHAK, SSO or VYLLA TUS
Phoenix Satellites	FLG, SSO, MOHAK or VYLLA, TUS
Portland, OR Terminal Area	ARNIT BONVL–STAR or LARNO BONVL–STAR or MOXEE MOXEE–STAR
St. Louis Terminal Area	SGF TRAKE–STAR or BUM TRAKE–STAR or ANX TRAKE–STAR or LMN IRK RIVRS–STAR or RBS VANDALIA–STAR
Salt Lake City Terminal Area	JNC J12 HELPR SPANE–STAR or EKR MTU SPANE–STAR or BCE DTA–TCH or MLF DTA–TCH or BVL BONNEVILLE–STAR or BYI BEARR–STAR or PIH BEARR–STAR or DBS BRIGHAM CITY–STAR or JAC BRIGHAM CITY–STAR or BPI BRIGHAM CITY–STAR or OCS BRIGHAM CITY–STAR
San Diego Terminal Area	EED, LAX, GBN
Santa Ana	HEC, PGS, BLD, HIPPI
San Antonio Terminal Area	IDU, CSI, JCT, LLO, CRP, LRD or West of a north–south line at LFK, BLEWE or East of a north–south line at LFK, IDU

San Francisco	FMG GOLDEN GATE--STAR
	or
	MVA MODESTO--STAR
	or
	ENI GOLDEN GATE--STAR
	or
San Jose	OAL MODESTO--STAR
	or
	South of a line ILC to DVC, REANA KATTS OAL MODESTO--STAR
	FMG HYP EL NIDO--STAR
	or
	OAL HYP EL NIDO--STAR
Seattle Terminal Area	or
	ENI GOLDEN GATE--STAR
	or
	South of a line ILC to DVC, REANA KATTS KICHI CANDA EL NIDO--STAR
	Aircraft from northeast, southeast, south, TEMPL GLASR--STAR
	or
Southwest Florida Airports RSW and FMY	SUNED CHINS--STAR
	or
	BTG OLMYPIA--STAR
	CEW DEFUN Q104 SWABE JOSFF--STAR
	Aircraft through ZHU airspace remain south of ZME and ZTL airspace
	or
Tampa Terminal Area	SZW HEVVN Q104 SWABE JOSFF--STAR
	CEW DEFUN Q104 HEVVN DARBS--STAR
	Aircraft through ZHU airspace remain south of ZME and ZTL airspace
	or
	SZW DARBS--STAR
	DRK PXR
Tucson	or
	MOHAK GBN

VISUAL FLIGHT RULES (VFR) WAYPOINTS

VFR Waypoint names consist of five letters beginning with "VP". Stand-alone VFR Waypoints are portrayed on VFR Charts using the same four-point star symbol currently used for Instrument Flight Rules (IFR) Waypoints.

VFR Waypoints collocated with Visual Checkpoints (Visual Reporting Points) are portrayed with a Visual Check Point flag. The VFR Waypoint name is shown in parentheses adjacent to the Visual Check Point name.

VFR Waypoint names are not intended to be pronounceable and shall not be used in ATC communications.

CAUTION: GPS accuracy necessitates extra vigilance for other aircraft when navigating near any fix retrieved from a GPS database.

BALTIMORE–WASHINGTON TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPAXI	_____	N38°34.57' /W076°20.38'
VPONX	_____	N39°06.65' /W076°55.92'
VPOOP	_____	N38°56.32' /W076°36.90'

BOSTON HELICOPTER CHART

VPBAY	_____	N42°16.17' /W070°49.48'
VPBLT	_____	N42°19.67' /W070°53.40'
VPCGS	_____	N42°22.08' /W071°03.13'
VPEVS	_____	N42°23.52' /W071°04.10'
VPFEN	_____	N42°12.58' /W071°08.88'
VPFRE	_____	N42°25.03' /W071°12.32'
VPGLV	_____	N42°21.88' /W070°52.18'
VPHAM	_____	N42°30.13' /W071°07.15'
VPPIK	_____	N42°20.37' /W071°15.93'
VPQUA	_____	N42°12.10' /W071°04.78'
VPQUB	_____	N42°12.60' /W070°59.83'
VPSPF	_____	N42°24.20' /W071°09.47'
VPTOB	_____	N42°31.42' /W070°59.82'
VPWAN	_____	N42°36.88' /W071°19.45'

BOSTON TERMINAL AREA CHART

VPCOH	Cohasset	N42°13.58' /W070°48.94'
VPCUT	Cuttyhunk Harbor	N41°25.50' /W070°55.03'
VPFRA	Framingham Shopping Center	N42°18.16' /W071°23.65'
VPHOL	Woods Hole	N41°31.06' /W070°40.60'
VPHUL	Hull	N42°18.20' /W070°55.30'
VPLPT	Nantucket Great Point	N41°23.41' /W070°02.78'
VPNED	Needham Towers	N42°18.51' /W071°14.64'
VPPEA	Peabody Shopping Center	N42°32.52' /W070°56.69'
VPROC	Rockingham Race Track	N42°46.29' /W071°13.57'
VPSCI	Scituate	N42°11.89' /W070°43.69'
VPTPT	Nantucket Third Point	N41°18.51' /W070°03.37'
VPTUC	Tuckernuck	N41°18.31' /W070°15.43'
VPWAK	Wakefield	N42°30.72' /W071°05.24'
VPWAN	Wang Towers	N42°36.88' /W071°19.45'

CHARLOTTE SECTIONAL CHART

VPATO	_____	N34°37.37' /W076°31.47'
VPAVA	_____	N34°57.00' /W077°16.50'
VPBFE	_____	N32°16.38' /W080°47.50'
VPBRA	_____	N36°13.75' /W076°08.08'
VPGCE	_____	N36°03.90' /W076°36.42'
VPGHI	_____	N35°15.30' /W075°31.25'
VPGIO	_____	N35°32.50' /W076°37.33'
VPKJU	_____	N35°26.58' /W076°10.22'
VPLMN	_____	N34°55.43' /W077°46.42'
VPMAB	_____	N34°42.20' /W077°03.50'
VPNPO	ISLE OF PALMS	N32°47.78' /W079°46.45'
VPOKY	_____	N35°06.53' /W075°59.17'
VPREP	_____	N32°33.98' /W080°21.82'
VPRRS	_____	N33°25.45' /W079°07.60'
VPUMO	_____	N35°35.63' /W075°28.08'
VPWZO	_____	N36°00.87' /W075°40.07'
VPZIE	_____	N32°01.62' /W080°53.42'

CHICAGO SECTIONAL CHART

WAYPOINT IDENT
VPCOHCOLLOCATED VFR CHECKPOINT
_____LOCATION
N31°49.35'/W081°51.07'

DENVER TERMINAL AREA CHART/FLYWAY CHART

VPBEN
VPFTG
VPNIC_____

NORTH INTERCHANGEN39°44.28'/W104°26.00'
N39°44.35'/W104°32.75'
N39°58.90'/W104°59.27'

HOUSTON TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT

COLLOCATED VFR CHECKPOINT

LOCATION

VPBWY
VPDTN
VPGLA
VPGLB
VPKTY
VPPLN
VPRSN
VPSND
VPSNT
VPTNE
VPTNW
VPTRK_____

_____N29°46.25'/W095°09.24'
N29°46.59'/W095°22.01'
N30°08.32'/W095°06.62'
N30°07.80'/W094°55.70'
N29°47.05'/W095°44.92'
N30°08.80'/W095°50.42'
N29°30.00'/W095°41.00'
N29°23.13'/W095°28.86'
N29°49.29'/W094°53.94'
N29°47.48'/W095°03.34'
N29°47.06'/W095°33.81'
N29°24.06'/W095°10.44'

JACKSONVILLE SECTIONAL CHART

VPAFI
VPAFY
VPBEC
VPCJA
VPCKY
VPCNY
VPDAD
VPDAR
VPDFI
VPDUT
VPEAR
VPEGV
VPFFU
VPGPE
VPHAA
VPHUC
VPIWA
VPJMY
VPKER
VPLEV
VPLJA
VPMAL
VPTLH
VPXZY
VPYIW
VPZIE_____

DADE CITY

CLEARWATER BEACH

ST PETE BEACH

MIDWAY

LAKE PARKER

_____N31°49.35'/W081°51.07'
N30°07.00'/W081°21.33'
N29°46.25'/W081°15.10'
N29°30.00'/W081°06.00'
N28°46.50'/W082°34.00'
N28°30.00'/W080°45.00'
N28°22.57'/W082°11.25'
N31°22.38'/W081°24.13'
N29°00.17'/W081°20.85'
N27°37.70'/W082°09.10'
N27°58.67'/W082°49.83'
N29°39.97'/W081°24.87'
N28°57.08'/W081°00.33'
N27°43.50'/W082°44.67'
N30°04.02'/W083°40.02'
N28°19.87'/W082°43.77'
N31°48.33'/W081°25.85'
N29°26.92'/W081°18.27'
N28°04.00'/W081°56.00'
N28°48.00'/W080°52.00'
N29°00.00'/W080°51.00'
N30°50.02'/W084°56.63'
N30°32.70'/W083°52.22'
N29°35.00'/W083°10.00'
N30°42.28'/W081°27.25'
N32°01.62'/W080°53.42'

KANSAS CITY SECTIONAL CHART

VPAGO
VPBEK
VPDEN
VPENE
VPES
VPFME
VPGXY
VPMBE
VPMKE
VPROV
VPUTT_____

_____N37°50.33'/W090°29.03'
N37°15.07'/W092°30.67'
N37°46.75'/W092°19.20'
N37°44.75'/W091°55.78'
N36°59.48'/W091°00.88'
N37°41.00'/W092°38.33'
N37°15.50'/W091°40.17'
N37°11.08'/W090°27.92'
N37°24.47'/W092°40.00'
N38°01.72'/W091°12.81'
N37°52.05'/W092°01.20'

LOS ANGELES SECTIONAL CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPCNG	CONEJO GRADE US HWY 101	N34°12.54' / W118°59.61'
VPCSU	CSU CHANNEL ISLANDS	N34°09.76' / W119°02.53'
VPFPL	OXNARD FINANCIAL PLAZA	N34°13.71' / W119°10.39'
VPSTC	SATICOY BRIDGE	N34°16.62' / W119°08.34'

LOS ANGELES TERMINAL AREA CHART/FLYWAY CHART

VPCNG	CONEJO GRADE US HWY 101	N34°12.54' / W118°59.61'
VPCSU	CSU CHANNEL ISLANDS	N34°09.76' / W119°02.53'
VPGETY	GETTY CENTER	N34°04.84' / W118°28.66'
VPLBP	BANNING PASS	N33°56.05' / W116°59.63'
VPLCC	CHAFFEY COLLEGE	N34°08.87' / W117°34.33'
VPLCP	CAJON PASS	N34°18.07' / W117°27.68'
VPLDL	DISNEYLAND	N33°48.72' / W117°55.13'
VPLDP	DANA POINT	N33°27.62' / W117°42.87'
VPLDS	DODGER STADIUM	N34°04.42' / W118°14.42'
VPLFX	91/605 INTERCHANGE	N33°52.38' / W118°06.08'
VPLGP	GRIFFITH PARK OBSERVATORY	N34°07.10' / W118°18.02'
VPLHF	110/405 FWYS	N33°51.42' / W118°17.10'
VPLHP	HUNTINGTON PIER	N33°39.32' / W118°00.25'
VPLKH	KING HARBOR	N33°50.75' / W118°23.88'
VPLLC	L.A. COLISEUM	N34°00.83' / W118°17.27'
VPLLM	LAKE MATHEWS	N33°50.58' / W117°26.85'
VPLMM	MAGIC MOUNTAIN	N34°26.20' / W118°36.28'
VPLMS	MILE SQUARE PARK	N33°43.40' / W117°56.77'
VPLPD	PRADO DAM	N33°53.40' / W117°38.48'
VPLPP	PACIFIC PALISADES	N34°02.13' / W118°32.15'
VPLQM	QUEEN MARY	N33°45.17' / W118°11.37'
VPLRB	ROSE BOWL	N34°09.67' / W118°00.05'
VPLRT	SANTA ANITA RACE TRACK	N34°08.45' / W118°02.65'
VPLSA	SANTA ANA CANYON	N33°52.03' / W117°42.68'
VPLSB	SANTA FE FLOOD BASIN	N34°07.72' / W117°57.30'
VPLSC	STATE COLLEGE	N33°52.97' / W117°53.13'
VPLSF	SAN FERNANDO RESERVOIR	N34°17.87' / W118°29.00'
VPLSP	SIGNAL PEAK	N33°36.33' / W117°48.63'
VPLSR	HAWTHORNE & 405 FREEWAY	N33°53.07' / W118°21.13'
VPLSS	SANTA SUSANA PASS	N34°16.00' / W118°38.43'
VPLTW	TUJUNGA WASH & FOOTHILL	N34°16.40' / W118°20.30'
VPLVT	VINCENT THOMAS BRIDGE	N33°44.97' / W118°16.32'
VPLWT	WATER TANK	N34°10.82' / W118°46.27'
VPNEW	NEWHALL PASS	N34°20.18' / W118°30.72'
VPSTC	SATICOY BRIDGE	N34°16.62' / W119°08.34'

MIAMI SECTIONAL CHART

VPACH	HOLLYWOOD BEACH	N26°00.92' / W080°06.93'
VPBOV	_____	N27°57.00' / W080°46.75'
VPCLC	_____	N26°27.07' / W082°00.88'
VPCTE	_____	N26°09.28' / W081°20.70'
VPDAD	DADE CITY	N28°22.57' / W082°11.25'
VPDUT	_____	N27°37.70' / W082°09.10'
VPDZE	_____	N27°19.00' / W080°44.17'
VPEAR	CLEARWATER BEACH	N27°58.67' / W082°49.83'
VPEDY	ANDYTOWN TOLLGATE	N26°08.78' / W080°28.00'
VPFAH	_____	N26°25.40' / W081°29.67'
VPGPE	ST PETE BEACH	N27°43.50' / W082°44.67'
VPHRO	_____	N27°05.97' / W082°12.20'
VPHUC	_____	N28°19.87' / W082°43.77'
VPIBR	_____	N27°12.47' / W081°40.22'
VPKER	LAKE PARKER	N28°04.00' / W081°56.00'
VPKOE	_____	N24°40.08' / W081°20.55'
VPLYY	_____	N24°49.07' / W080°49.17'
VPMBO	GULFSTREAM PARK	N25°58.57' / W080°08.17'
VPOBA	PUMPING STATION	N26°28.30' / W080°26.75'
VP RBI	_____	N25°50.67' / W080°55.18'
VP RNL	RANGER STATION	N25°22.92' / W080°36.58'
VPWMO	_____	N27°03.00' / W080°35.00'

MIAMI TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPACH	HOLLYWOOD BEACH	N26°00.92' /W080°06.93'
VPEDY	ANDYTOWN TOLLGATE	N26°08.78' /W080°28.00'
VPMBO	GULFSTREAM PARK	N25°58.57' /W080°08.17'
VPOBA	PUMPING STATION	N26°28.30' /W080°26.75'
VPRBI		N25°50.67' /W080°55.18'
VPRLN	RANGER STATION	N25°22.92' /W080°36.58'

NEW ORLEANS SECTIONAL CHART

VPGPT		N30°25.95' /W089°05.62'
VPLIP	PHILLIPS INLET	N30°16.23' /W085°59.25'
VPMAI		N30°50.02' /W084°56.63'
VPMOB		N30°23.00' /W088°31.72'
VPRAM		N30°18.95' /W089°35.88'
VPRER		N30°13.87' /W085°20.67'
VPRIV		N30°54.85' /W087°57.82'
VPSAW		N30°49.65' /W089°07.42'
VPTHR		N30°19.93' /W087°08.50'

NEW YORK HELICOPTER CHART

VPJAY		N40°59.00' /W073°07.00'
VPLYD		N40°57.37' /W073°29.59'
VPROK		N40°52.70' /W073°44.24'

PHOENIX TERMINAL AREA CHART/FLYWAY CHART

VPALL	ALLENVILLE	N33°20.97' /W112°35.20'
VPAQU	AQUEDUCT PUMPING STATION	N33°40.05' /W112°41.38'
VPARM	ARROWHEAD MALL	N33°38.52' /W112°13.48'
VPAWG	AHWATUKEE GOLF COURSE	N33°19.98' /W111°59.08'
VPAZM	ARIZONA MILLS	N33°23.43' /W111°57.88'
VPBAR	BARTLETT DAM	N33°49.10' /W111°37.92'
VPCCC	COUNTRY CLUB & CANAL	N33°30.73' /W111°50.37'
VPCNL	CANAL	N33°33.23' /W111°46.89'
VPRFB	FIREBIRD LAKE	N33°16.35' /W111°58.10'
VPFTN	FOUNTAIN HILLS	N33°36.12' /W111°42.72'
VPGLX	GILA CROSSING	N33°16.55' /W112°10.08'
VPGPP	GLENDALE POWER PLANT	N33°33.27' /W112°13.00'
VPMAR	MARICOPA	N33°03.42' /W112°02.88'
VPMHS	MESQUITE HIGH SCHOOL	N33°20.53' /W111°49.58'
VPNRV	NEW RIVER	N33°55.08' /W112°08.45'
VPNTT	NORTH TEST TRACK	N33°03.50' /W111°55.83'
VPPIR	PIR	N33°22.52' /W112°18.90'
VPQTR	QUINTERO GOLF COURSE	N33°49.53' /W112°23.58'
VPRVC	RIO VERDE COMMUNITY	N33°44.37' /W111°39.62'
VPSMC	SOUTH MOUNTAIN COLLEGE	N33°23.02' /W112°02.12'
VPSQP	SQUAW PEAK	N33°32.83' /W112°01.27'
VPSSS	SUPERSTITION SPRINGS MALL	N33°23.50' /W111°41.37'
VPSTN	SANTAN MOUNTAINS	N33°09.23' /W111°40.92'
VPSTT	SOUTH TEST TRACK	N32°56.25' /W111°59.67'
VPZZZ		N33°20.18' /W111°26.53'

ST LOUIS TERMINAL AREA CHART/FLYWAY CHART

VPAGN	TV ANTENNA	N38°32.08' /W090°22.42'
VPBPE		N38°23.80' /W090°20.38'
VPCJY	HOLIDAY SHORES	N38°55.00' /W089°56.00'
VPCOJ	WINFIELD DAM	N39°00.28' /W090°41.23'
VPDFA	JEFFERSON BARRACKS BRIDGE	N38°29.18' /W090°16.47'
VPEAZ	BUSCH STADIUM	N38°37.43' /W090°11.55'
VPEDJ	WATER TANKS	N38°45.30' /W090°34.87'
VPEGR	GAS TANKS	N38°35.80' /W090°19.32'
VPEOX	ST PETERS	N38°47.17' /W090°39.25'

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPFAI	HOWELL ISLAND	N38°40.00'/W090°43.00'
VPFFY	_____	N38°55.37'/W090°17.30'
VPGPF	_____	N38°35.60'/W090°26.92'
VPGVI	_____	N38°32.30'/W090°27.80'
VPHRQ	CHAIN OF ROCKS BRIDGE	N38°45.88'/W090°10.42'
VPIBO	WATERLOO	N38°20.00'/W090°09.00'
VPJMU	HORSESHOE LAKE	N38°41.00'/W090°05.00'
VPKNY	PACIFIC	N38°29.00'/W090°44.00'
VPLES	ST CHARLES	N38°47.00'/W090°30.00'
VPLIW	SIX FLAGS	N38°30.67'/W090°40.47'
VPLXU	GATEWAY ARCH	N38°37.50'/W090°11.00'
VPNSY	WOOD RIVER REFINERIES	N38°50.00'/W090°05.00'
VPNZY	WENTZVILLE	N38°48.83'/W090°50.98'
VPRAZ	JERSEYVILLE	N39°07.00'/W090°20.00'
VPRMO	FOREST PARK	N38°38.00'/W090°17.00'
VPWKO	COLUMBIA	N38°27.00'/W090°12.00'
VPXXI	MILLSTADT	N38°27.50'/W090°05.68'
VPYID	MOSENTHEIN ISLAND	N38°43.00'/W090°12.25'

SALT LAKE CITY HELICOPTER CHART

VPAIR	SALTAIR	N40°44.85'/W112°11.22'
VPBEE	SOUTH INTERCHANGE	N40°38.18'/W111°54.23'
VPBRN	BARN	N40°54.28'/W112°10.15'
VPCAP	STATE CAPITOL	N40°46.67'/W111°53.25'
VPCHS	_____	N40°42.28'/W112°05.92'
VPCOP	BINGHAM COPPER MINE	N40°31.38'/W112°09.00'
VPCWY	CAUSEWAY	N41°05.37'/W112°07.17'
VPCYN	PARLEYS CANYON	N40°42.67'/W111°48.10'
VPFPC	FREE PORT CENTER	N41°05.92'/W112°02.27'
VPFPK	FRANCIS PEAK	N41°01.98'/W111°50.30'
VPGFS	GARFIELD STACK	N40°43.28'/W112°11.88'
VPHVE	SPAGHETTI BOWL	N40°43.50'/W111°54.22'
VPJRT	JORDAN RIVER TEMPLE	N40°35.02'/W111°55.58'
VPKSL	KSL ANTENNA	N40°46.80'/W112°05.80'
VPLGN	LAGOON AMUSEMENT PARK	N40°59.08'/W111°53.57'
VPMDH	MCKAY DEE HOSPITAL	N41°11.50'/W111°57.08'
VPMMT	MICROWAVE TOWERS	N40°48.50'/W111°53.37'
VPMSH	_____	N41°01.67'/W112°02.47'
VPNSL	_____	N40°50.15'/W111°54.90'
VPNTP	_____	N41°03.57'/W112°14.23'
VPOGE	GRAIN ELEVATOR	N41°13.13'/W112°00.45'
VPOPS	POWER STATION	N41°20.38'/W112°02.78'
VPPEN	STATE PRISON	N40°29.88'/W111°53.62'
VPPPT	PROMONTORY POINT	N41°12.28'/W112°25.73'
VPPTM	POINT OF THE MOUNTAIN	N40°27.42'/W111°54.83'
VPVVO	PROVO CANYON	N40°18.77'/W111°39.45'
VPRWY	_____	N40°48.48'/W112°00.33'
VPSLC	I-15/I-80 INTERCHANGE	N40°45.83'/W111°54.85'
VP TIP	SOUTH TIP	N40°50.93'/W112°10.92'
VPWBR	WEBER CANYON	N41°08.17'/W111°54.83'
VPWBT	_____	N40°38.00'/W112°03.33'

SALT LAKE CITY TERMINAL AREA CHART/FLYWAY CHART

VPAIR	SALTAIR	N40°44.85'/W112°11.22'
VPBEE	SOUTH INTERCHANGE	N40°38.18'/W111°54.23'
VPBRN	BARN	N40°54.28'/W112°10.15'
VPCAP	STATE CAPITOL	N40°46.67'/W111°53.25'
VPCHS	_____	N40°42.28'/W112°05.92'
VPCOP	BINGHAM COPPER MINE	N40°31.38'/W112°09.00'
VPCVI	CENTERVILLE INTERCHANGE	N40°55.30'/W111°53.43'
VPCWY	CAUSEWAY	N41°05.37'/W112°07.17'
VPCYN	PARLEYS CANYON	N40°42.67'/W111°48.10'
VPFPC	FREE PORT CENTER	N41°05.92'/W112°02.27'
VPFPK	FRANCIS PEAK	N41°01.98'/W111°50.30'
VPGFS	GARFIELD STACK	N40°43.28'/W112°11.88'

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPHE	SPAGHETTI BOWL	N40°43.50'/W111°54.22'
VPJRT	JORDAN RIVER TEMPLE	N40°35.02'/W111°55.58'
VPKSL	KSL ANTENNA	N40°46.80'/W112°05.80'
VPLGN	LAGOON AMUSEMENT PARK	N40°59.08'/W111°53.57'
VPMDH	MCKAY DEE HOSPITAL	N41°11.50'/W111°57.08'
VPMMT	MICROWAVE TOWERS	N40°48.50'/W111°53.37'
VPMSH	_____	N41°01.67'/W112°02.47'
VPNSL	_____	N40°50.15'/W111°54.90'
VPNTP	_____	N41°03.57'/W112°14.23'
VPOGE	GRAIN ELEVATOR	N41°13.13'/W112°00.45'
VPOPS	POWER STATION	N41°20.38'/W112°02.78'
VPEN	STATE PRISON	N40°29.88'/W111°53.62'
VPPT	PROMONTORY POINT	N41°12.28'/W112°25.73'
VPPTM	POINT OF THE MOUNTAIN	N40°27.42'/W111°54.83'
VPVPO	PROVO CANYON	N40°18.77'/W111°39.45'
VPRWY	_____	N40°48.48'/W112°00.33'
VPSLC	I-15/I-80 INTERCHANGE	N40°45.83'/W111°54.85'
VPTIP	SOUTH TIP	N40°50.93'/W112°10.92'
VPUOU	U OF U EVENTS CENTER	N40°45.73'/W111°50.28'
VPWBR	WEBER CANYON	N41°08.17'/W111°54.83'
VPWBT	_____	N40°38.00'/W112°03.33'
VPZOO	HOGLE ZOO	N40°45.00'/W111°48.95'

SAN DIEGO TERMINAL AREA CHART/FLYWAY CHART

VPLDP	DANA POINT	N33°27.62'/W117°42.87'
VPLSP	SIGNAL PEAK	N33°36.33'/W117°48.63'
VPOCN	_____	N33°14.15'/W117°26.63'
VPSBC	BARONA CASINO	N32°56.25'/W116°52.60'
VPSBL	_____	N33°05.18'/W117°18.55'
VPSBM	BLACK MOUNTAIN	N32°58.87'/W117°07.00'
VPSCF	_____	N32°48.55'/W117°09.17'
VPSCM	COWLES MOUNTAIN	N32°48.72'/W117°01.97'
VPSCP	CRYSTAL PIER	N32°47.77'/W117°15.42'
VPSCR	_____	N32°39.37'/W117°07.30'
VPSFB	IRON MOUNTAIN	N32°58.25'/W116°57.33'
VPSLJ	LAKE JENNINGS	N32°51.53'/W116°53.28'
VPSMB	_____	N32°45.57'/W117°12.22'
VPSMP	_____	N33°22.70'/W117°36.75'
VPSMS	MOUNT SOLEDAD	N32°50.40'/W117°15.10'
VPSMV	_____	N32°45.75'/W117°09.80'
VPSMW	MOUNT WOODSON	N33°00.52'/W116°58.23'
VPSOP	OTAY MESA PRISON	N32°35.82'/W116°55.28'
VPSOT	LOWER OTAY LAKE	N32°37.73'/W116°55.38'
VPSPL	SOUTH POINT LOMA	N32°39.90'/W117°14.55'
VPSPP	POWER PLANT	N33°08.25'/W117°20.23'
VPSQS	QUALCOMM STADIUM	N32°46.98'/W117°07.23'
VPSRT	DEL MAR RACE TRACK	N32°58.58'/W117°15.95'
VPSSM	SAN MIGUEL MOUNTAIN	N32°41.78'/W116°56.18'
VPSSV	SAN VICENTE ISLAND	N32°55.53'/W116°55.00'
VPSTP	TORREY PINES GOLF COURSE	N32°54.17'/W117°14.68'
VPSVA	_____	N33°11.48'/W117°16.38'

SAN FRANCISCO SECTIONAL CHART

VPKBG	KINGSBURY GRADE	N38°58.75'/W119°53.20'
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SAN FRANCISCO TERMINAL AREA CHART/FLYWAY CHART

VPALT	ALTAMONT PASS	N37°44.35'/W121°35.42'
VPANT	ANTIOCH BRIDGE	N38°01.45'/W121°45.02'
VPBBR	BENICIA BRIDGE	N38°02.50'/W122°07.45'
VPCAL	CALAVERAS RESERVOIR	N37°28.16'/W121°48.93'
VPCBT	LAKE CHABOT	N37°43.68'/W122°06.94'
VPCOY	COYOTE HILLS	N37°32.50'/W122°05.06'
VPCQZ	CARQUINEZ BRIDGE	N38°03.66'/W122°13.52'
VPCRL	_____	N37°11.00'/W121°41.06'
VPCRY	CRYSTAL SPRINGS CAUSEWAY	N37°30.56'/W122°21.10'

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPCSH	CAL STATE UNIVERSITY	N37°39.52'/W122°03.52'
VPDAM	DEL VALLE DAM	N37°36.91'/W121°44.78'
VPDLR		N37°07.00'/W121°47.06'
VPDUB	DUBLIN	N37°42.06'/W121°55.36'
VPEMB	EMBASSY SUITES	N37°26.05'/W121°53.83'
VPGGF	GOLDEN GATE FIELDS	N37°53.07'/W122°18.71'
VPGIL	GILROY	N37°01.37'/W121°33.99'
VPHHH	HAMILTON	N38°03.58'/W122°30.66'
VPKGO	KGO	N37°31.58'/W122°06.10'
VPLEX	LEXINGTON RESERVOIR	N37°11.66'/W121°59.18'
VPMID	MID-SPAN SAN MATEO BRIDGE	N37°36.28'/W122°11.81'
VPMOR	MORMON TEMPLE	N37°48.46'/W122°11.95'
VPNUM	NUMMI PLANT	N37°29.56'/W121°56.58'
VPPAC		N37°38.00'/W122°32.07'
VPPRU	PRUNEYARD	N37°17.33'/W121°56.01'
VPSAR	SARATOGA	N37°15.26'/W122°02.33'
VPSLA	SLAC/LINEAR ACCELERATOR	N37°24.75'/W122°14.35'
VPSTB	STINSON BEACH	N37°54.45'/W122°40.41'
VPSUN	SUNOL GOLF COURSE	N37°34.85'/W121°53.23'
VPUTC	U.T.C.	N37°13.93'/W121°41.35'
VPWAL	WALNUT CREEK	N37°53.78'/W122°04.30'
VPWAM		N37°30.28'/W122°10.00'
VPWFR	CEMENT PLANT	N37°30.88'/W122°12.26'

TAMPA/ORLANDO TERMINAL AREA CHART/FLYWAY CHART

VPBOV		N27°57.00'/W080°46.75'
VPCNY		N28°30.00'/W080°45.00'
VPDAD	DADE CITY	N28°22.57'/W082°11.25'
VPDFI		N29°00.17'/W081°20.85'
VPDUT		N27°37.70'/W082°09.10'
VPEAR	CLEARWATER BEACH	N27°58.67'/W082°49.83'
VPFFU		N28°57.08'/W081°00.33'
VPGPE	ST PETE BEACH	N27°43.50'/W082°44.67'
VPHUC		N28°19.87'/W082°43.77'
VPKER	LAKE PARKER	N28°04.00'/W081°56.00'
VPLEV		N28°48.00'/W080°52.00'
VPLJA		N29°00.00'/W080°51.00'

WASHINGTON SECTIONAL CHART

VSPACE		N38°07.82'/W076°48.75'
VPAXI		N38°34.57'/W076°20.38'
VPBRA		N36°13.75'/W076°08.08'
VPGCE		N36°03.90'/W076°36.42'
VPWZO		N36°00.87'/W075°40.07'

VOR RECEIVER CHECK VOR RECEIVER CHECKPOINTS AND VOT TEST FACILITIES (VOT)

The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed Type of Checkpoint & Type of VOT Facility G stands for ground. A/ stands for airborne followed by figures (2300) or (1000-3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.

CONNECTICUT

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt.	Azimuth from Gnd. Fac.	Dist. from Fac.	Checkpoint Description
		AB/ALT	Mag	N.M.	
Carmel (Danbury Muni)	116.6/CMK	A/1500	050	6.7	Over apch end of Rwy 08.
Madison (Chester)	110.4/MAD	A/1500	076	9.4	Over small hangar.
Madison (Meriden Markham Muni)	110.4/MAD	A/1500	345	13.4	Over small hangar.
Norwich (Windham)	110.0/ORW	A/1500	339	13.9	Over intersection of rwy and twy.
Putnam (Danielson)	117.4/PUT	A/1300	211	8.5	Over int of ramp taxiway and rwy.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Bradley Intl	111.4	G	
Bridgeport (Igor I. Sikorsky Mem)	109.25	G	
Groton (Groton-New London)	110.25	G	
Hartford (Hartford-Brainard)	108.2	G	

DELAWARE

VOR RECEIVER CHECK POINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt.	Azimuth from Gnd. Fac.	Dist. from Fac.	Checkpoint Description
		AB/ALT	Mag	N.M.	
Smyrna (Delaware Airpark)	111.4/ENO	A/1000	267	3.6	Over thld Rwy 27.
Wilmington (New Castle)	114.0/DQO	G	170	0.5	On runup pad Rwy 01. OTS indef.
		G	284	0.6	On Twy 'K' at Rwy 09.
		G	067	0.5	On Twy 'K' at Rwy 27. OTS indef.
Wilmington (Summit Airpark)	114.0/DQO	A/1200	219	10.8	Over rotating bcen. OTS indef.

DISTRICT OF COLUMBIA

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Ronald Reagan Washington Natl	109.4	G	Unusable in front of north hangar (interim terminal)

VOR RECEIVER CHECK MAINE

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VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Augusta (Auburn-Lewiston Muni)	111.4/AUG	A/1500	250	26.5	Over intersection of rwys.
Bangor (Bangor Intl)	114.8/BGR	G	153	3.8	On runup area Rwy 33.
Kennebunk (Sanford Rgnl)	117.1/ENE	A/1300	267	4.5	Over Twy C and dsplcd thld Rwy 14.
Presque Isle (Caribou Muni)	116.4/PQI	A/1700	051	6.5	Over intersection of rwys.
Presque Isle (Northern Maine Rgnl Arpt at Presque Is)	116.4/PQI	A/2000	180	5.7	Over intersection of rwys.
Princeton (Princeton Muni)	114.3/PNN	A/1300	164	9.6	Over intersection of rwy and strip. OTS indef.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Portland Intl Jetport	111.0	G	
Bangor Intl	111.0	G	

MARYLAND

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Frederick (Frederick Muni)	109.0/FDK	G	035	0.6	On runup pad apch end Rwy 23.
Frederick (Montgomery County Airpark)	109.0/FDK	G	359	0.6	Intersection Twys H and D.
Hagerstown (Hagerstown Rgnl-Richard A Henson Fld)	109.8/HGR	A/2000	155	17.2	Over apch end Rwy 14.
Salisbury (Ocean City Muni)	109.8/HGR	A/1700	089	5.3	Over new ATCT.
Salisbury (Ocean City Muni)	111.2/SBY	A/1300	109	18.6	Intersection of twy and Rwy 32.
Salisbury (Salisbury-Ocean City Wicomico Rgnl)	111.2/SBY	G	221	0.7	Runup pad Rwy 05.

VOR RECEIVER CHECK MASSACHUSETTS VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Barnes (Barnes Muni)	113.0/BAF	G	207	1	From the facility.
Gardner (Fitchburg Muni)	110.6/GDM	A/1500	102	13.0	Over intersection of rws.
Gardner (Metropolitan)	110.6/GDM	A/2000	097	1.9	Over intersection of twy and rwy.
Gardner (Orange Muni)	110.6/GDM	A/1500	292	10	Over parachute jump circle.
Gardner (Worcester Rgnl)	110.6/GDM	A/2000	167	18.8	Over intersection of Rws 11-29 and 15-33.
Lawrence (Plum Island)	112.5/LWM	A/1500	089	11.8	Over apch end Rwy 10.
Marthas Vineyard (Marthas Vineyard)	114.5/MVY	G	216	0.7	On runup block for Rwy 06.
Nantucket (Nantucket Memorial)	116.2/ACK	G	242	1.9	On runup area at apch end Rwy 24.
Putnam (Southbridge Muni)	117.4/PUT	A/1700	329	12	Over intersection of twy and rwy.

VOT TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Laurence G. Hanscom	110.0	G	
Gen. Ed. Lawrence Logan Intl.	111.0	G	
Worcester Rgnl	108.2	G	

NEW HAMPSHIRE VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Berlin (Berlin Rgnl)	110.4/BML	A/2600	190	6.0	Over ski jump on W side of road.
	110.4/BML	G	191	3.4	Hold short line Rwy 18-36.
Gardner (Jaffrey Arpt-Silver Ranch)	110.6/GDM	A/2000	023	15.8	Over intersection of rwy and twy.
Lebanon (Lebanon Muni)	113.7/LEB	A/1600	246	5.0	Over intersection of Rws 07-25 and 18-36.
	113.7/LEB	G	248	5.1	On Bravo-Two twy.
Pease (Portsmouth Intl at Pease)	116.5/PSM	G	015	0.4	North runup pad.
		G	157	1.5	On south runup pad.
Pease (Skyhaven)	116.5/PSM	A/1500	356	12.6	Over windsock.

NEW JERSEY VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Cedar Lake (Millville Muni)	115.2/VCN	A/1500	215	11.4	Over intersection Rws 10-28 and 14-32.
Coyle (Lakewood)	113.4/CYN	A/1000	048	18.9	Over apch end Rwy 06.
Coyle (Robert J. Miller Air Park)	113.4/CYN	A/1500	054	9.0	Over apch end Rwy 06.
Robbinsville (Trenton-Robbinsville)	113.8/RBV	A/1200	289	5.2	Over apch end Rwy 11.
Sea Isle (Cape May County)	114.8/SIE	A/1200	236	6.8	Over apch end Rwy 19.
Yardley (Trenton Mercer)	108.2/ARD	A/1500	080	4.5	Over ATCT.

VOR RECEIVER CHECK NEW YORK

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VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Binghamton (Greater Binghamton/Edwin A Link Fld)	112.2/CFB	G	075	7.6	On north ramp.
Binghamton (Tri-Cities)	112.2/CFB	A/2000	170	5.0	Over rwy intersection.
Carmel (Westchester County)	116.6/CMK	A/1500	215	14.0	Over center of arpt.
Dunkirk (Chautauqua Co/Dunkirk)	116.2/DKK	G	043	0.5	On twy adjacent to the apch end Rwy 24.
Glens Falls (Floyd Bennett Memorial)	110.2/GFL	G	034	0.5	On runup area Rwy 19.
Groton (Elizabeth Field)	110.85/GON	A/1200	183	4.8	Over intersection of rwys.
Huguenot	116.1/HUO	A/3000	222	6.2	Over monument on hill.
Huguenot (Randall)	116.1/HUO	A/1500	093	8.8	Over apch end Rwy 07.
Ithaca (Tompkins Rgnl)	111.8/ITH	G	157	0.8	On twy apch end Rwy 32.
Jamestown (Chautauqua County/Jamestown)	114.7/JHW	A/2500	260	6.2	Over hangar NE corner of arpt.
Kingston (Sky Acres)	117.6/IGN	A/2500	070	5.0	Over intersection of twy and Rwy 17-35.
Kingston (Sky Park)	117.6/IGN	A/1500	010	18.8	Over apch end Rwy 01.
Poughkeepsie (Dutchess County)	114.3/PWL	A/1500	248	15.2	Over intersection Rwys 15-33 and 06-24.
Rockdale (Oneonta Muni)	112.6/RKA	A/3000	078	8.5	Over hangar.
Rockdale (Sidney Muni)	112.6/RKA	A/2200	229	12.5	Over hangar.
Rochester (Greater Rochester Intl)	110.0/ROC	G	98	0.6	On Twy 'K' between Twys 'F' and 'J'. (Near de-ice pad).
Saranac Lake	109.2/SLK	A/3000	141	4.2	Over microwave tower on Mt Pisgah.
Watertown (Watertown Intl)	109.8/ART	G	046	3.0	On ramp in front of administration building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Albany County	108.2	G	Unusable runup and hold areas Twy M. Unusable runup pad, holding area and apch end of Rwy 19.
Buffalo Niagara Intl	109.0	G	
Islip (Long Island MacArthur)	109.4	G	
John F. Kennedy Intl	115.1	G	

PENNSYLVANIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Bradford (Bradford Rgnl)	116.6/BFD	G	321	1.1	On SE twy midway between ramp and Rwy 32.
Clarion (Clarion County)	112.9/CIP	A/3000	286	10.9	Over center of interstate bridge/river.
East Texas (Allentown Queen City Muni)	110.2/ETX	A/1200	103	9.2	Over intersection of Rwys 07-25 and 14-32. Checkpoint unavbl indef.

VOR RECEIVER CHECK

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Erie (Erie Intl/Tom Ridge Fld)	109.4/ERI	G	060		6.1 NM on twy at apch end Rwy 06. Ground receiver checkpoint OTS.
Hazelton (Hazelton Muni)	109.4/HZL	G	093		On short twy midfield. VOR ground checkpoint OTS indef.
Lancaster (Lancaster)	117.3/LRP	G	306	0.5	On Twy M.
Milton (Bloomsburg Muni)	109.2/MIP	A/1500	108	10.3	Over threshold Rwy 08.
North Philadelphia (Northeast Philadelphia)	112.0/PNE	G	215		Twy F.
Philipsburg (Mid-State)	115.5/PSB	G	256	4.5	On twy near intersection of Rwys 06-24 and 16-34.
Philipsburg (University Park)	115.5/PSB	A/2500	132	7.6	Over intersection of Rwys 06-24 and 16-34.
Pottstown (Pottstown Muni)	116.5/PTW	A/1500	303	5.6	Over E hangar. VOR airborne checkpoint OTS indef.
Ravine (Muir AAF)	114.6/RAV	A/2500	179	7.7	Over water twr ½ NM NE of rwy.
Ravine (Schuylkill County/Joe Zerbey)	114.6/RAV	A/2000	060	13.9	Over intersection of Rwys 11-29 and 04-22. VOR airborne checkpoint OTS indef.
Solberg (Doylestown)	112.9/SBJ	A/1500	240	22.6	Over apch end Rwy 23.
Stonyfork (Wellsboro Johnston)	108.6/SFK	A/3600	111	6.5	Over 2558' tower.
Wilkes-Barre (Pocono Mountains Muni)	111.6/LVZ	A/3000	131	16.2	Over intersection of Rwys 05-23 and 13-31.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Harrisburg Intl	110.0	G	
Philadelphia Intl.	109.8	G	Unusable west of Twy Y.

RHODE ISLAND

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Providence (Newport State)	115.6/PVD	A/1400	164	13.4	Over intersection of rwys.
Providence (North Central State)	115.6/PVD	A/1500	360	12.2	Over intersection of rwys.
Groton (Block Island State)	110.85/GON	A/1800	129	23.5	Over terminal building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Providence (Theodore Francis Green State)	108.2	G	

VOR RECEIVER CHECK

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VERMONT VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Burlington Intl.	109.0	G	

VIRGINIA VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd.	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Cape Charles (Campbell Field)	112.2/CCV	AB/ALT	050	8.9	Over rwy intersection.
Cape Charles (Tangier Island)	112.2/CCV	A/1500	010	28.4	Over apch end Rwy 02.
Danville (Danville Rgnl)	113.1/DAN	G	340		At intersection of Twy A and hangar row near Twy E.
Flat Rock (Farmville Rgnl)	113.3/FAK	A/1600	257	31	Over intersection of twy and rwy.
Lynchburg (Lynchburg Rgnl-Preston Glenn Field)	109.2/LYH	G	026	5.0	West runup area adjacent to Rwy 22.
Norfolk (Norfolk Intl)	116.9/ORF	G	031		At center of twy E 250' NW of centerline of Rwy 23.
Richmond	114.1/RIC	A/2100	306	8.5	Over 1054' twr.
Richmond (Richmond Intl)	114.1/RIC	G	005	.9	On run up area Rwy 16
		G	344	.9	Twy.
		G	138	.7	On twy in front of Aeronautical Services hangar.
		G	270	.7	Twy front of Army Guard ramp.
					On Twy J between Twys A and T.
South Boston (Danville Rgnl)	110.4/SBV	A/1500	255	16.8	Over terminal building.

WEST VIRGINIA VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd.	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lewisburg (Greenbrier Valley)	116.05/LWB	AB/ALT	236	.7	On Twy A northwest on Twy E.
Martinsburg (Eastern West Virginia Rgnl Shepherd Fld)	112.1/MRB	G	281	6.2	At apch end Rwy 35.
		G	284		D twy south of Rwy 08-26.
		G	284		Twy C intersection with Rwy 08-26.
		G	287	6.5	In front of twr on twy A. VOR receiver checkpoint OTS.
Morgantown (Morgantown Muni-Walter L. Bill Hart Fld)	111.6/MGW	G	337	5.8	Intersection of Twys A and C.
Parkersburg (Mid-Ohio Valley Rgnl)	108.6/JPU	G	211°	6.3	Intersection of Twy A and Twy D.
		G	208	6.5	Twy J and apch end Rwy 28.
Wheeling (Wheeling Ohio Co)	112.2/HLG	G	223	5.9	On twy on east side of ramp.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Charleston (Yeager)	108.8	G	

The following tabulation lists all reported parachute jumping sites in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Jumps within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.

Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.

Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.

Organizations desiring listing of their jumping activities in this publication should contact the nearest FSS, tower or ARTCC.

Qualified parachute jumping sites will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jump area is charted.

To qualify for charting, a jump area must meet the following criteria:

- (1) Been in operation for at least 1 year.
- (2) Operate year round (at least on weekends).
- (3) Log 4,000 or more jumps each year.

In addition, jump sites can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
CONNECTICUT			
(c) Danielson Arpt	8 NM; 211° Putnam	12,500	5 NM radius. Weekends and holidays.
(c) Ellington Arpt	17 NM; 025° Hartford	15,000	Fri, Sat, Sun, and occasional weekdays. 0.25 NM radius Pea Stone target
Harwinton	25 NM; 300° Hartford	7,200	0700-SS weekends.
DELAWARE			
Georgetown, Sussex Co. Arpt	10 NM; 230° Waterloo	12,500	0900-SS Weekends; 1700-SS Wednesday.
Selbyville, Warrington Fld	17 NM; 079° Salisbury	15,000	Weekends and holidays.
(c) Western Suxsex/Booth Fld	12 NM; 356° Salisbury	12,000	5 NM radius. SR-SS daily.
MAINE			
(c) Lebanon	13 NM; 275° Kennebunk	14,000	0800-SS daily.
Millinocket Muni Arpt	9.5 NM; 319° Millinocket	14,000 AGL	5 NM radius. Daily SR-SS.
MARYLAND			
Accident	14 NM; 275° Grantsville		
Edgewood	29 NM; 056° Baltimore	10,000	Weekends, evenings, occasional weekdays
Gambrells, Dairy Farm Drop Zone	7 NM; 198° Baltimore	1300 AGL	0.5 NM radius. Weekends-November thru April.
Long Greene Drop Zone	21 NM; 038° Baltimore	10,000 AGL	0.5 NM radius. Weekends.
(c) Ocean City Muni Arpt	18 NM; 108° Salisbury	15,000	3 NM radius. 1 May-30 Nov continuous.
Patuxent River NAS (Trapnell Fld)	1.2 NM; 243° Patuxent	Unrestricted	0.25 NM radius. 1600-SS Mon-Fri, 0800-SS Sat, Sun, Holidays.
	0.7 NM; 303° Patuxent	Unrestricted	0.25 NM radius.
Sumang Drop Zone	20.3 NM; 286° Baltimore	3,000 AGL	0.4 NM radius. Weekends
Tewey Drop Zone	24 NM; 023° Baltimore	10,000 AGL	1 NM radius. Weekends
Unity Drop Zone	20 NM; 292° Baltimore	3,000 AGL	0.4 NM; radius. Weekends
MASSACHUSETTS			
(c) Ft. Devens, Turner Drop Zone	18 NM; 115° Gardner	4,000 AGL	.5 NM radius. Daily SR-SS (occasionally nights) (occasionally to 20,000').
Marston Mills	20 NM; 045° Marthas Vineyard ..	10,000	1 NM radius 0700-SS daily
(c) Montague, Turners Falls Arpt	18 NM; 237° Keene	12,500 AGL	5 NM radius. SR-SS daily.
Natick Laboratory Sudbury	21 NM; 295° Boston	4,000 AGL	0.25 NM radius. 0800-1700 Mon-Fri

PARACHUTE JUMPING AREAS

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LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
(c) Orange Muni Arpt	10 NM; 292° Gardner	14,000	1 NM radius. Thu-Sun and holidays. SR-one hr after SS. Boston Center 123.75
(c) Pepperell, Sports Center Arpt	13 NM; 233° Manchester	20,000 AGL	3 NM radius. Daily SR-SS frequently ngt ops.
NEW JERSEY			
(c) Belmar/Farmingdale, Monmouth Executive Arpt	7 NM; 170° Colts Neck	13,500	3 NM radius. SR-SS Daily.
(c) Chatsworth, Coyle Fld	1 NM; 130° Coyle	2,000 AGL	Continuous. Heavy equip and paratroopers
(c) Cross Keys	10 NM; 355° Cedar Lake	14,000	1.5 NM radius. Daily SR-SS.
(c) Lakehurst NAES (Maxfield Fld)	0.9 NM; 280° Navy Lakehurst	12,500	0.3 NM radius. Daily SR-SS. Cargo drops ngts 2000' and below
(c) Sussex	TACAN	15,000	1.5 NM radius. Daily 0700-SS.
NEW YORK			
(c) Albion, Pine Hill Arpt	22 NM; 055° Buffalo	12,000'	2 NM radius. 0800-1 hour after SS, Wed thru Sun and holidays.
Arcade Tri-Co Arpt	24 NM; 162° Buffalo	10,000	5 NM radius. 0900-2100 SR-SS, Sat, Sun, and Wed.
Bloomingburg, Shan-Wan-Ga Valley Arpt	13 NM; 050° Huguenot	12,000	5 NM radius. 0900-SS daily.
(c) Calverton	1.5 NM; 150° Calverton	13,500	2 NM radius. Daily SR-SS.
(c) Duaneburg Arpt	14 NM; 280° Albany	13,000	3 NM radius. SR-SS daily.
(c) East Moriches, Spadaro Arpt	7 NM; 170° Calverton	14,000	1 NM radius, 0800-SS Sat and Sun. 1600-SS Wed.
Fort Drum	23 NM; 060° Watertown	1,000 AGL	1 NM radius. SR-SS Mon-Fri.
Gardiner Arpt	15 NM; 284° Kingston	14,500	4 NM radius. Daily SR-SS.
Hamilton Muni Arpt	13 NM; 085° Georgetown	10,000 AGL	5 NM radius. Weekends.
(c) Java	21 NM; 157° Buffalo	13,000	5 NM radius. Daily SR-SS, occasionally til 2400
Johnstown, Fulco Arpt	27 NM; 315° Albany	15,000 AGL	3 NM radius. SR-SS Fri, Sat, Sun & holidays. Occasionally other days.
Kirkwood Arpk	18 NM; 130° Binghamton	12,000	5 NM radius. 1000-SS Sat & Sun.
(c) Lexington-Prattville, Maben Arpt	26 NM; 089° De Lancey	22,000	3 NM radius. SR-SS daily.
Newfane, Hollands Intl Arpt	21 NM; 353° Buffalo	18,000	5 NM radius. SR-SS daily; occasional ngts.
New Paltz, Stanton Arpt	15NM; 301° Kingston	14,000	3NM radius. Sat, Sun and holidays SR-SS, occasional ngts and other days.
(c) Ovid Arpt	18 NM; 313° Ithaca	13,500	2 NM radius. 0600-2400 daily.
(c) Quaker Street, Knox Arpt	15 NM; 280° Albany	14,000	3 NM radius. Daily SR-2400.
Rhinebeck, Old Rhinebeck Arpt	19 NM; 323° Pawling	4,900	2 NM radius. SR-SS Sat-Sun Jun 15-Oct 15.
(c) Scotia, Mohawk Valley	12 NM/318° Albany	12,000	5 NM radius. 0800-2400 daily.
Stormville Arpt	13NM; 215° Pawling	13,000 AGL	Daily, SR-SS.
(c) Verona, Curtis Arpt	21 NM; 304° Utica	10,000	5 NM radius. SR-SS daily Apr 1-Nov 30.
(c) Wallkill	25 NM; 062° Huguenot	14,500 AGL	1 NM radius. Daily 1200-0200.
West Bloomfield, Fort Hill Arpt	9 NM; 070° Geneseo	15,000	1200-1 hr after SS Wed-Fri; 0800-1 hr after SS Sat, Sun & holidays; occasional ngt till 2400.
Westhampton Beach, Francis S Gabreski Arpt.	10NM; 130° Calverton	13,000' AGL	1NM radius. Tue thru Fri 1000-1400 13,000' to sfc and 1400-2200 8,000' to sfc.
(c) West Point	22 NM; 112° Huguenot	10,000	2 NM radius. Weekdays 1200-SS, weekends, occasionally.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
PENNSYLVANIA			
Bethel, Grimes Arpt.....	16 NM; 112° Ravine.....	11,000	5 NM radius. SR-SS daily.
(c) Burgettstown, Starveggi Drop Zone..	9 NM; 042° Wheeling WV.....	2000 AGL	1 NM radius. Tue-Thur 1030-2200; occasionally (by notam) Fri-Sun 0700-1800.
(c) Chambersburg Franklin Co Rgnl Arpt	14NM; 087° St Thomas.....	15,000 AGL	2NM radius. SR-SS daily.
Connellsville Arpt	14 NM; 272° Indian Head	15,000	4NM radius. Mar-Nov. Fri-Sun SR SS.
Culmerville Arpt.....	22 NM; 125° Ellwood City	11,500 AGL	Daily SR-SS
Doylestown.....	8 NM; 303° Yardley.....	12,500	Sat and Sun SR-SS
East Stroudsburg, Stroudsburg-Pocono Arpt	13.4 NM; 291° Stillwater.....	14,500	2.5 NM radius. 0600-2200 daily.
(c) Fort Indiantown Gap-Muir AAF, Cold Steel Drop Zone	6.7 NM; 172° Ravine.....	800-2000 AGL	By NOTAM only. Military use. 5 NM radius.
(c) Freedom, Kindelberger Landing Strip	8.5 NM; 175° Ellwood City	14,500	3 NM radius. Weekends and holidays SR-SS, Wed 1600-SS, and occasional nghts.
Freefall Oz Arpt	14 NM; 252° Wellsville.....	12,500	5 NM radius. Wed-Sun 1300-2359.
(c) Germansville, Flying M Aerodrome ...	9 NM; 003° East Texas.....	14,000	1 NM radius. 0900-SS daily.
(c) Grove City Arpt	19.3 NM; 011° Ellwood City	15,000	3 NM radius. 0800-1900 EST, 0900-2230 EDT daily.
(c) Hazleton Muni Arpt	6 NM; 081° Hazleton.....	14,500	SR-SS weekends and holidays; 1500-SS weekdays
(c) Jeannette, Greensburg Jeannette Rgnl	19 NM; 089° Allegheny.....	12,000	1 NM radius. 1 Apr-31 Oct, Wed 1700-2100, Sat/Sun 1000-2100.
Jersey Shore, Hinaman Acres Arpt	23 NM; 240° Williamsport.....	13,000	Tue and Thur 1600-SS; Sat and Sun 0800-SS.
Littlestown, Kingsdale Airpark	13 NM; 345° Westminster	10,500	2 NM radius. 0900-2000 daily.
Meadville, Port Meadville	19 NM; 311° Franklin	12,500	Weekends SR-SS.
(c) Mt. Joy/Marietta, Donegal Springs Airpark	12 NM; 272° Lancaster	15,000	2 NM radius. SR-SS daily.
North East, Moorhead Arpk.....	21 NM; 065° Erie.....	12,000	5 mi radius. Extensive skydiving activities 1600-2100 weekdays and 0900-2100 weekends from surface to 12,000 ft MSL.
(c) Perkasié, Pennridge Arpt	15.9 NM; 060° Pottstown	14,500	5 NM radius. SR-SS daily, nights by NOTAM.
(c) Tunkhannock, Skyhaven Arpt.....	19 NM; 333° Wilkes-Barre.....	13,500 AGL	5 NM radius. SR-SS daily.
(c) Worthington, J.T. Willie Arpt	25 NM; 098° Ellwood City	14,000	1 NM radius. Weekends and holidays SR-SS, Fri 2200-SS, occasional nghts.
RHODE ISLAND			
Greene, Riconn Arpt	15 NM; 060° Norwich	12,500	Daily SR-SS.
(c) Newport State.....	13.3 NM; 164° Providence	10,000	1 NM radius. SR-SS daily Apr 1-Nov 30.
(c) Pawtucket, North Central State Arpt	12 NM; 001° Providence.....	13,000	3 NM radius. 0800-1 hour after SS daily. Mar 27-Dec 1.
VERMONT			
(c) Addison, Ass-Pirin Acres Arpt.....	21 NM; 219° Burlington	12,000	5 NM radius. SR-SS daily. Frequent night jumps.
Shelburne Arpt	3 NM; 240° Burlington	15,000	2 NM radius. Daily SR-SS.
VIRGINIA			
(c) Blackstone, Allen C. Perkinson/ BAAF	16 NM; 355° Lawrenceville	12,500 AGL	1 NM radius. Daily.
Forest, New London Arpt	5 NM; 274° Lynchburg.....	11,000	Daily SR-SS.
(c) Fort A. P. Hill Bowling Green Drop Zone	12 NM; 192° Brooke	12,000 AGL	1 NM radius. Continuously. Frequent night drops.
(c) Fort Lee	12 NM; 262° Hopewell	2,500 AGL	0.5 NM radius. Daily.
(c) Fort Pickett Dove Drop Zone	19 NM; 009° Lawrenceville	12,500 AGL	Drop Zone 1500 yards by 1000 yards. Daily.
(c) Louisa Co/Freeman Fld	8.6 NM; 097° Gordonsville.....	15,000	3 NM radius. 0800-dusk.

PARACHUTE JUMPING AREAS

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LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
Moneta, Smith Mountain Lake Arpt.....	19.2 NM; 246° Lynchburg.....	13,500	3 NM radius. SR-SS Fri, Sat, Sun, and holidays.
(c) Norfolk Intl Arpt	8.5 NM; 085° Norfolk	13,000	Mon-Fri during daylight hrs.
Oceana NAS	1.0 NM; 228° Oceana.....	12,500	Sat and Sun 0800-1200
(c) Orange Co Arpt	14.9 NM; 026° Gordonsville.....	15,000	3 NM radius. Daily SR-SS, frequently ngt ops.
(c) Quantico	11.5 NM; 349° Brooke	10,000	1 NM radius unscheduled weekends.
(c) Somerville, Hartwood Arpt	15 NM; 137° Casanova	13,000	2 NM radius. Weekends, holidays, occasionally other weekdays summer months.
(c) Suffolk Executive Arpt	20 NM; 104° Franklin	13,500	5 NM radius. SR-SS daily.
Warrenton, Flying Circus Aerodrome	8.5 NM; 132° Casanova	7,000	Sat/Sun, June 7-Oct 25, 1000-1959.
Waynesboro, Eagle's Nest Arpt	13 NM; 042° Montebello.....	10,000	1300-SS daily.
(c) West Point, Middle Peninsula Rgnl	4.4 NM; 340° Harcum	14,000	SR-SS weekends and holidays.

WEST VIRGINIA

(c) Arthurdale, Titus Field	5 NM; 175° Morgantown	15,000 AGL	1 NM radius. Daily 0900-2100.
Buckhannon-Upshur Co.....	9 NM; 300° Elkins.....	15,000	1 NM radius. Weekdays and holidays
Huntington, Leann Drop Zone	15 NM; 230° Henderson	10,000 AGL	0.3 NM radius. Weekends.
Huntington, Debra Drop Zone	5 NM; 120° Henderson	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Bacon Drop Zone	5 NM; 150° Morgantown	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Cider Drop Zone	17 NM; 180° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Morgantown, Dawson AAF	12 NM; 126° Morgantown	10,000 AGL	0.3 NM radius. Weekends.
Morgantown, Doubt Drop Zone.....	12 NM; 140° Morgantown	12,500 AGL	1 NM radius. Weekends.
Morgantown, Float Drop Zone	13 NM; 110° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Guide Drop Zone.....	13 NM; 080° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Melon Drop Zone	13 NM; 097° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Piker Drop Zone	20 NM; 135° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Ravenswood, Jackson Co Arpt	41 NM; 215° Parkersburg	12,500 AGL	1000-SS Weekends.
Ripley, Evans Drop Zone.....	12 NM; 070° Henderson.....	12,000	1 NM radius. 0800-SS local, weekends.
Summersville Arpt.....	15 NM; 352° Rainelle.....	14,500	5 NM radius daily SR-SS.
Westover, Blue Horizon Drive-In	13 NM; 320° Morgantown	12,500	Weekends and holidays SR-SS.

The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Charts listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of U.S. World Aeronautical Charts (WAC) and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. You are advised to contact the nearest FSS for route dimensions and current status for those routes affecting your flight.

BALTIMORE-WASHINGTON HELICOPTER ROUTE CHART

8th Edition, 30 Jul 2009

OBSTRUCTIONS

27 Aug 2009 – 22 Oct 2009 No Major Changes.

AIRPORTS

27 Aug 2009 No Major Changes.

22 Oct 2009 Change CTAF 122.9 to 123.025 at PIER 7 heliport. 39°16'20"N, 76°34'18"W.

Delete BOLLING AFB heliport, 38°50'34"N, 77°00'58"W.

NAVAIDS

27 Aug 2009 – 22 Oct 2009 No Major Changes.

AIRSPACE

27 Aug 2009 – 22 Oct 2009 No Major Changes.

SPECIAL USE AIRSPACE

27 Aug 2009 – 22 Oct 2009 No Major Changes.

MILITARY TRAINING ROUTES

27 Aug 2009 – 22 Oct 2009 No Major Changes.

MISCELLANEOUS

27 Aug 2009 – 22 Oct 2009 No Major Changes.

BALTIMORE-WASHINGTON TERMINAL AREA CHART

79th Edition, 30 Jul 2009

OBSTRUCTIONS

27 Aug 2009 – 22 Oct 2009 No Major Changes.

AIRPORTS

27 Aug 2009 No Major Changes.

22 Oct 2009 Delete BOLLING AFB heliport, 38°50'34"N, 77°00'58"W.

NAVAIDS

27 Aug 2009 – 22 Oct 2009 No Major Changes.

AIRSPACE

27 Aug 2009 – 22 Oct 2009 No Major Changes.

SPECIAL USE AIRSPACE

27 Aug 2009 – 22 Oct 2009 No Major Changes.

MILITARY TRAINING ROUTES

27 Aug 2009 – 22 Oct 2009 No Major Changes.

MISCELLANEOUS

27 Aug 2009 – 22 Oct 2009 No Major Changes.

BOSTON HELICOPTER ROUTE CHART**6th Edition, 20 Dec 2007****OBSTRUCTIONS****20 Dec 2007 – 22 Oct 2009** No Major Changes.**AIRPORTS****20 Dec 2007 – 10 Apr 2008** No Major Changes.**5 Jun 2008** Revise AMES HELIPORT position to, 42°37'53"N, 70°51'54"W.**31 Jul 2008 – 2 Jul 2009** No Major Changes.**27 Aug 2009** Revise MASS GENERAL heliport position to, 42°21'49"N, 71°04'08"W.**22 Oct 2009** No Major Changes.**NAVAIDS****20 Dec 2007 – 22 Oct 2009** No Major Changes.**AIRSPACE****20 Dec 2007 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****20 Dec 2007 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****20 Dec 2007 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****20 Dec 2007 – 22 Oct 2009** No Major Changes.

BOSTON TERMINAL AREA CHART**74th Edition, 7 May 2009****OBSTRUCTIONS****7 May 2009** No Major Changes.**2 Jul 2009** Add obst 320'MSL (292'AGL), 42°48'11"N, 70°52'51"W.**27 Aug 2009** Add obst 528'MSL (340'AGL)UC, 41°36'52"N, 71°15'05"W.**22 Oct 2009** No Major Changes.**AIRPORTS****7 May 2009 – 22 Oct 2009** No Major Changes.**NAVAIDS****7 May 2009 – 22 Oct 2009** No Major Changes.**AIRSPACE****7 May 2009 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****7 May 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****7 May 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****7 May 2009 – 22 Oct 2009** No Major Changes.

CG-21 WORLD AERONAUTICAL CHART

40th Edition, 24 Sep 2009

OBSTRUCTIONS

22 Oct 2009 Add obst 1348' MSL (600' AGL), 34°15'06"N, 84°59'12"W.
Change obst from 312' MSL to 1312' MSL, 33°35'33"N, 083°58'31"W.

AIRPORTS

22 Oct 2009 Change elevation from 191' to 1911' at Blairsville arpt, 34°51'16"N, 083°59'50"W.
Change runway orientation to 01/19 at Halifax-Northhampton Co Rgnl arpt, 36°19'47"N, 077°38'07"W.

NAVAIDS

22 Oct 2009 No Major Changes.

AIRSPACE

22 Oct 2009 No Major Changes.

SPECIAL USE AIRSPACE

22 Oct 2009 No Major Changes.

MILITARY TRAINING ROUTES

22 Oct 2009 No Major Changes.

MISCELLANEOUS

22 Oct 2009 No Major Changes.

CINCINNATI SECTIONAL

82nd Edition, 2 Jul 2009

OBSTRUCTIONS

2 Jul 2009 No Major Changes.

27 Aug 2009 Add obst 1525' MSL (410' AGL) UC, 40°12'15"N, 82°35'03"W.

Add obst 2811' MSL (305' AGL) UC, 39°24'30"N, 79°21'41"W.

Add obst 1687' MSL (380' AGL) UC, 38°00'44"N, 82°10'09"W.

Add obst 1341' MSL (300' AGL) UC, 38°43'50"N, 81°22'53"W.

Add obst 3611' MSL (315' AGL) UC, 37°53'06"N, 80°46'24"W.

Add obst 1067' MSL (300' AGL) UC, 38°17'38"N, 82°11'57"W.

Add obst 1217' MSL (300' AGL) UC, 38°38'11"N, 81°23'43"W.

Add obst 1328' MSL (350' AGL) UC, 37°37'05"N, 84°15'43"W.

Add obst 1810' MSL (310' AGL) UC, 38°19'51"N, 79°03'36"W.

Add obst 2925' MSL (300' AGL) UC, 37°39'29"N, 80°57'29"W.

Add obst 2752' MSL (300' AGL) UC, 37°32'06"N, 80°55'20"W.

Add obst 1213' MSL (310' AGL) UC, 38°41'39"N, 83°37'34"W.

Add obst 1198' MSL (300' AGL) UC, 38°20'28"N, 82°03'56"W.

Add obst 1242' MSL (310' AGL) UC, 39°37'20"N, 82°14'33"W.

Add obst 1680' MSL (550' AGL) UC, 39°53'38"N, 79°55'58"W.

22 Oct 2009 Add obst 1224' MSL (300' AGL) UC, 39°44'58"N, 84°23'43"W.

Add obst 1358' MSL (312' AGL) UC, 39°00'37"N, 83°34'13"W.

Add obst 1629' MSL (285' AGL) UC, 36°04'48"N, 84°31'00"W.

Add obst 3434' MSL (270' AGL) UC, 36°43'42"N, 80°27'08"W.

Add obst 1674' MSL (554' AGL) UC, 39°42'28"N, 79°57'32"W.

Add obst 1403' MSL (297' AGL) UC, 38°48'04"N, 82°57'44"W.

Add obst 3226' MSL (400' AGL) UC, 40°01'35"N, 78°48'07"W.

Add obst 3190' MSL (400' AGL) UC, 40°03'28"N, 78°48'15"W.

AIRPORTS

2 Jul 2009 No Major Changes.

27 Aug 2009 Change CTAF 122.9 to 123.05 at MCCREARY arpt, 36°41'43"N, 84°23'29"W.

22 Oct 2009 Delete POWELL arpt, 36°02'40"N, 84°00'15"W.

NAVAIDS

2 Jul 2009 – 27 Aug 2009 No Major Changes.

22 Oct 2009 Delete LOUISA NDB, 38°01'13"N, 77°51'32"W.

AIRSPACE

2 Jul 2009 No Major Changes.

27 Aug 2009 Revise WAVERLY, OH Class E. That airspace extending upward from 700 feet above the surface within a 9.9-mile radius of Pike County Airport.

Delete DAYTON Class C freq 127.65.

Add DAYTON Class C freqs 118.425 and 127.225.

Revise DAYTON Class C freq from 316.7 to 352.05.

22 Oct 2009 No Major Changes.

SPECIAL USE AIRSPACE

2 Jul 2009 – 22 Oct 2009 No Major Changes.

MILITARY TRAINING ROUTES

2 Jul 2009 – 22 Oct 2009 No Major Changes.

MISCELLANEOUS

2 Jul 2009 – 22 Oct 2009 No Major Changes.

DETROIT SECTIONAL
79th Edition, 24 Sep 2009**OBSTRUCTIONS**

22 Oct 2009 Add obst 1193' MSL (285' AGL) UC, 41°32'32"N, 80°51'34"W.

Add obst 2540' MSL (260' AGL) UC, 41°53'03"N, 78°37'09"W.

Add obst 956' MSL (203' AGL), 42°41'02"N, 78°54'26"W.

Add obst 702' MSL (204' AGL), 42°57'23"N, 76°59'42"W.

Add obst 3226' MSL (400' AGL) UC, 40°01'35"N, 78°48'07"W.

Add obst 1001' MSL (394' AGL), 42°16'06"N, 82°16'30"W.

AIRPORTS

22 Oct 2009 Delete ZEITLER arpt, 43°29'24"N, 84°21'54"W.

Delete PEWANOGOWINK-BANKS arpt, 43°11'10"N, 83°54'04"W.

Delete SHENANDOAH AIRPARK arpt, 40°55'12"N, 82°28'44"W.

Delete MAYES arpt, 43°14'27"N, 84°52'48"W.

NAVAIDS

22 Oct 2009 No Major Changes.

AIRSPACE

22 Oct 2009 Revise MANSFIELD, OH class E airspace. That airspace extending upward from 700 feet above the surface within a 6.9-mile radius of Mansfield Lahm Regional Airport and within a 6.3-mile radius of Galion Municipal Airport, and within 6.3-mile radius of Shelby Community Airport, and within a 6.3-mile radius of Willard Airport, and within 4 miles each side of the 137° bearing from Mansfield Lahm Regional Airport extending from the 6.9-mile radius to 11.1 miles southeast of the airport, and within 4 miles each side of the 317° bearing from Mansfield Lahm Regional Airport extending from the 6.9-mile radius to 10.7 miles northwest of the airport, and within 6.1 miles each side of the Mansfield VORTAC 307° radial extending from the 6.9-mile radius to 13.3 miles northwest of the VORTAC, and within 4.4 miles each side of the Mansfield VORTAC 130° radial extending from the 6.9-mile radius to 13.8 miles southeast of the VORTAC.

SPECIAL USE AIRSPACE

22 Oct 2009 No Major Changes.

MILITARY TRAINING ROUTES

22 Oct 2009 No Major Changes.

MISCELLANEOUS

22 Oct 2009 No Major Changes.

HALIFAX SECTIONAL
81st Edition, 27 Aug 2009**OBSTRUCTIONS****27 Aug 2009** No Major Changes.**22 Oct 2009** Add obst 643' MSL (250' AGL), 45°02'37"N, 63°51'27"W.

Add obst 995' MSL (348' AGL), 45°24'21"N, 62°12'11"W.

AIRPORTS**27 Aug 2009** No Major Changes.**22 Oct 2009** Delete GRAND RIVER ARPT, 46°28'51"N, 63°57'10"W.**NAVAIDS****27 Aug 2009 – 22 Oct 2009** No Major Changes.**AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****27 Aug 2009 – 22 Oct 2009** No Major Changes.

MONTREAL SECTIONAL
81st Edition, 27 Aug 2009**OBSTRUCTIONS****27 Aug 2009 – 22 Oct 2009** No Major Changes.**AIRPORTS****27 Aug 2009** No Major Changes.**22 Oct 2009** Delete CHAMBLY arpt, 45°24'04"N, 73°17'43"W.**NAVAIDS****27 Aug 2009 – 22 Oct 2009** No Major Changes.**AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****27 Aug 2009 – 22 Oct 2009** No Major Changes.

NEW YORK HELICOPTER ROUTE CHART

7th Edition, 8 May 2008

OBSTRUCTIONS**5 Jun 2008 – 25 Sep 2008** No Major Changes.**20 Nov 2008** Change obst from 311' MSL (300' AGL) to 342' MSL (333' AGL), 40°41'22"N, 74°09'33"W.

Change obst from 288' MSL (278' AGL) to 410' MSL (400' AGL), 40°41'03"N, 74°09'19"W.

Change obst from 288' MSL (278' AGL) to 410' MSL (400' AGL), 40°40'21"N, 74°08'24"W.

Change obst from 288' MSL (278' AGL) to 410' MSL (400' AGL), 40°39'40"N, 74°08'52"W.

Change obst from 288' MSL (278' AGL) to 410' MSL (400' AGL), 40°40'54"N, 74°09'06"W.

Add obst 410' MSL (400' AGL), 40°41'07"N, 74°09'26"W.

Add obst 410' MSL (400' AGL), 40°39'36"N, 74°09'00"W.

Add obst 278' MSL (273' AGL), 40°38'35"N, 74°11'13"W.

15 Jan 2009 No Major Changes.**12 Mar 2009** Add obst 699' MSL (487' AGL) UC, 41°01'59"N, 73°46'12"W.

Add obst 699' MSL (487' AGL) UC, 41°01'57"N, 73°46'00"W.

7 May 2009 – 2 Jul 2009 No Major Changes.**27 Aug 2009** Add obst 1806' MSL (1792' AGL) UC, 40°42'47"N, 74°00'47"W.**22 Oct 2009** Add obst 895' MSL (867' AGL) UC, 40°42'39"N, 74°00'20"W.**AIRPORTS****5 Jun 2008** Revise FREEPORT HELIPORT position to, 40°39'02"N, 73°34'04"W.

Revise PRINT PAD HELIPORT position to, 40°39'12"N, 73°34'25"W.

Delete AT&T HELIPORT, 40°40'07"N, 74°24'38"W.

Delete OVAL PARK HELIPORT, 40°45'36"N, 74°12'05"W.

Delete EDISON HELIPORT, 40°31'02"N, 74°20'44"W.

Delete EDISON SQUARE HELIPORT, 40°31'23"N, 74°23'30"W.

Delete FRIGIDAIRE HELIPORT, 40°31'36"N, 74°22'55"W.

Delete KENNEDY STADIUM HELIPORT, 40°44'50"N, 74°09'27"W.

Delete AMERICAN CYANAMID HELIPORT, 40°36'00"N, 74°11'58"W.

Delete NEWARK ACADEMY HELIPORT, 40°46'38"N, 74°21'30"W.

Delete PENSKE 2 HELIPORT, 40°53'02"N, 74°04'06"W.

Delete LAG HELIPORT, 40°57'19"N, 74°04'15"W.

Delete PARLIN EAST HELIPORT, 40°27'10"N, 74°18'46"W.

Delete CHILTON MEML HELIPORT, 40°57'28"N, 74°18'34"W.

Delete HERCULES HELIPORT, 40°27'07"N, 74°20'02"W.

Delete SETON HALL HELIPORT, 40°44'24"N, 74°14'54"W.

Delete ENZON SOUTH PLAINFIELD HELIPORT, 40°33'17"N, 74°25'11"W.

Delete RAVENS NEST HELIPORT, 40°41'25"N, 74°18'28"W.

Delete IFF R&D HELIPORT, 40°26'25"N, 74°09'24"W.

Delete GRAPHIC SCANNING HELIPORT, 40°53'10"N, 73°59'28"W.

31 Jul 2008 – 22 Oct 2009 No Major Changes.**NAVAIDS****5 Jun 2008 – 22 Oct 2009** No Major Changes.**AIRSPACE****5 Jun 2008 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****5 Jun 2008 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****5 Jun 2008 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****5 Jun 2008 – 2 Jul 2009** No Major Changes.**27 Aug 2009** Change MEF 1° to 2° in quadrant 40°30'-40°45'N, 74°00'-74°15'W.**22 Oct 2009** No Major Changes.

NEW YORK SECTIONAL

79th Edition, 7 May 2009

OBSTRUCTIONS**7 May 2009** No Major Changes.**2 Jul 2009** Add obst 1035' MSL (228' AGL), 41°06'07"N, 75°00'47"W.

Add obst 2108' MSL (407' AGL) UC, 40°50'14"N, 76°12'58"W.

Add obst 2244' MSL (272' AGL) UC, 43°42'45"N, 75°37'24"W.

Add obst 2128' MSL (407' AGL) UC, 40°48'46"N, 76°18'28"W.

Add obst 320' MSL (292' AGL), 42°48'11"N, 70°52'51"W.

Add obst 2154' MSL (389' AGL) UC, 42°57'02"N, 75°32'13"W.

27 Aug 2009 Add obst 2074' MSL (295' AGL) UC, 42°14'04"N, 73°04'12"W.

Add obst 1806' MSL (1792' AGL) UC, 40°42'47"N, 74°00'47"W.

Add obst 1102' MSL (250' AGL) UC, 40°34'04"N, 76°58'32"W.

Add obst 528' MSL (340' AGL) UC, 41°36'52"N, 71°15'05"W.

22 Oct 2009 Add obst 2333' MSL (255' AGL) UC, 41°57'32"N, 075°01'45"W.

Add obst 868' MSL (261' AGL) UC, 43°11'12"N, 073°29'04"W.

AIRPORTS**7 May 2009** No Major Changes.**2 Jul 2009** Delete POW-WOW seaplane base, 42°54'40"N, 71°02'02"W.

Delete FLYING H arpt, 43°41'12"N, 71°17'21"W.

Delete FAIR HAVEN arpt, 43°36'55"N, 73°16'28"W.

Delete BRADFORD arpt, 40°30'02"N, 74°57'21"W.

Delete SPOOKY NOOK heliport, 40°06'23"N, 76°25'24"W.

27 Aug 2009 Delete MICHAEL AIRFIELD arpt, 43°10'54"N, 76°07'40"W.**22 Oct 2009** SYRACUSE SUBURBAN arpt closed, 43°15'54"N, 76°10'41"W.**NAVAIDS****7 May 2009 – 2 Jul 2009** No Major Changes.**27 Aug 2009** Shutdown HUMBOLT NDB, 40°59'18"N, 75°59'49"W.**22 Oct 2009** No Major Changes.**AIRSPACE****7 May 2009** No Major Changes.**2 Jul 2009** Revise BINGHAMTON, NY Class D airspace. That airspace extending upward from the surface to and including 4,100' MSL within a 4.3 mile radius of the Binghamton Regional/Edwin A. Link Field Airport. This Class D airspace area is effective during the specific days and times established in advance by a Notice to Airmen. The effective days and times will thereafter be continuously published in the Airport/Facility Directory.

Add BINGHAMTON, NY Class E airspace. That airspace extending upward from the surface of the Earth within a 4.3 mile radius of the Binghamton Regional/Edwin A. Link Field Airport and within 1.6 miles each side of the 070° bearing from the airport to 9.3 miles northeast of the airport and within 1.8 miles each side of the Binghamton VORTAC 067° bearing from the VORTAC to the 4.3 mile radius to the airport and within 1.8 miles each side of the Binghamton Regional/Edwin A. Link Field Airport ILS LOC SE course extending from the 4.3 mile radius of the airport to 1.8 miles SE of the SMITE LOM. This Class E Surface airspace area is effective during the specific days and times established in advance by a Notice to Airmen. The effective days and times will thereafter be continuously published in the Airport/Facility Directory.

Revise BINGHAMTON, NY Class E airspace. That airspace extending upward from the surface within 1.6 miles each side of the 070° bearing from the airport to 9.3 miles northeast of the airport and within 1.8 miles each side of the Binghamton VORTAC 067° bearing from the VORTAC to the 4.3 mile radius to the airport and within 1.8 miles each side of the Binghamton Regional/Edwin A. Link Field Airport ILS LOC SE course extending from the 4.3 mile radius of the airport to 1.8 miles SE of the SMITE LOM. This Class E Surface airspace area is effective during the specific days and times established in advance by a Notice to Airmen. The effective days and times will thereafter be continuously published in the Airport/Facility Directory.

27 Aug 2009 – 22 Oct 2009 No Major Changes.**SPECIAL USE AIRSPACE****7 May 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****7 May 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****7 May 2009 – 2 Jul 2009** No Major Changes.**27 Aug 2009** Change MEF 1⁵ to 2⁰ in quadrant 40°30'-41°00'N, 74°00'-74°30'W.**22 Oct 2009** No Major Changes.

NEW YORK TERMINAL AREA CHART**77th Edition, 7 May 2009****OBSTRUCTIONS****7 May 2009 – 2 Jul 2009** No Major Changes.**27 Aug 2009** Add obst 1806' MSL (1792' AGL) UC, 40°42'47"N, 74°00'47"W.**22 Oct 2009** Add obst 895' MSL (867' AGL) UC, 40°42'39"N, 74°00'20"W.**AIRPORTS****7 May 2009 – 22 Oct 2009** No Major Changes.**NAVAIDS****7 May 2009 – 22 Oct 2009** No Major Changes.**AIRSPACE****7 May 2009 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****7 May 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****7 May 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****7 May 2009 – 2 Jul 2009** No Major Changes.**27 Aug 2009** Change MEF 1¹ to 2⁰ in quadrant 40°30'–40°45'N, 74°00'–74°15'W.**22 Oct 2009** No Major Changes.

PHILADELPHIA TERMINAL AREA CHART**70th Edition, 30 Jul 2009****OBSTRUCTIONS****27 Aug 2009 – 22 Oct 2009** No Major Changes.**AIRPORTS****27 Aug 2009 – 22 Oct 2009** No Major Changes.**NAVAIDS****27 Aug 2009 – 22 Oct 2009** No Major Changes.**AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****27 Aug 2009 – 22 Oct 2009** No Major Changes.

PITTSBURGH TERMINAL AREA CHART**72nd Edition, 24 Sep 2009****OBSTRUCTIONS****22 Oct 2009** No Major Changes.**AIRPORTS****22 Oct 2009** No Major Changes.**NAVAIDS****22 Oct 2009** No Major Changes.**AIRSPACE****22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****22 Oct 2009** No Major Changes.**MISCELLANEOUS****22 Oct 2009** No Major Changes.

WASHINGTON SECTIONAL**86th Edition, 30 Jul 2009****OBSTRUCTIONS****27 Aug 2009** No Major Changes.**22 Oct 2009** Add obst 588' MSL (421' AGL) UC, 37°35'09"N, 77°15'47"W.

Add obst 434' MSL (400' AGL) UC, 36°26'12"N, 76°43'25"W.

Add obst 3226' MSL (400' AGL) UC, 40°01'35"N, 78°48'07"W.

Add obst 369' MSL (309' AGL) UC, 37°24'37"N, 76°32'51"W.

AIRPORTS**27 Aug 2009** No Major Changes.**22 Oct 2009** Delete BOLLING AFB heliport, 38°50'34"N, 77°00'58"W.**NAVAIDS****27 Aug 2009** No Major Changes.**22 Oct 2009** Delete LOUISA NDB, 38°01'14"N, 77°51'33"W.**AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**SPECIAL USE AIRSPACE****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MILITARY TRAINING ROUTES****27 Aug 2009 – 22 Oct 2009** No Major Changes.**MISCELLANEOUS****27 Aug 2009 – 22 Oct 2009** No Major Changes.

SUPPLEMENTAL COMMUNICATION REFERENCE

Contained within this tabulation, and listed alphabetically by airport name, are all private-use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Frankfort, IL (LL40) Chicago App/Dep Con 133.1 285.6	L-28H
Glasgow Industrial, MT (07MT) Salt Lake Center App/Dep Con 126.85 305.2	H-1E, 2F, L-13D
USAF Academy Bullseye Aux Airstrip, CO (C090) ASOS 118.325	L-10F
West Kentucky Airpark, KY (5KY3) Memphis Center App/Dep Con 133.65 292.15	L-16I
William P Gwinn, FL (06FA) Gwinn Tower 120.4 314.6 (Mon-Fri 1300-2100Z) Gnd Con 121.65 279.25	H-8I, L-23C

CANADA

FACILITY NAME	CHART & PANEL
Abbotsford, BC (CYXX) ATIS 119.8 (1500-0700Z) Victoria Trml App/Dep Con 132.7 (Avbl on ground) 290.8 Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500-0700Z) Gnd Con 121.8 MF 119.4 295.0 (0700-1500Z) (Shape irregular to 4500')	H-1B, L-12F
Amos/Magny, QC (CYEY) Montreal Center App/Dep Con 125.9	H-11B
Atikokan Muni, ON (CYIB) MF 122.3 (5 NM to 4500' No ground station)	L-14I
Barrie-Orillia (Lake Simcoe Rgnl), ON (CNB9) AWOS 122.55 (Pvt) Toronto Center App/Dep Con 124.025	H-11B, L-31D
Bar River, ON (CPF2) Toronto Center App/Dep Con 132.65	L-31C
Bathurst, NB (CZBF) Moncton Center App/Dep Con 134.25	L-32J
Boundary Bay, BC (CZBB) ATIS 125.5 (1500-0700Z) Vancouver App/Dep Con 132.3 363.8 Tower 118.1 (Inner) 127.6 (Outer) (1500-0700Z) Gnd Con 124.3 MF 118.1 (0700-1500Z to 2000'. Vancouver Trml 125.2 above 2000'. Shape irregular to 2500'.)	H-1B, L-1E
Brampton, ON (CNC3) Toronto Trml App/Dep Con 119.3 253.1	L-31D
Brandon Muni, MB (CYBR) Winnipeg Center App/Dep Con 132.25 285.4 MF 122.1 (5 NM to 4000')	H-2H
Brantford, ON (CYFD) Toronto Trml App/Dep Con 128.27	L-31D
Brockville-Thousand Islands Rgnl Tackaberry, ON (CNL3) Montreal Center App/Dep Con 134.675	L-32G
Bromont, QC (CZBM) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400')	L-32G
Burlington Airpark, ON (CZBA) Toronto Center App/Dep Con 119.3 253.1	L-31D
Castlegar, BC (CYCG) Vancouver Center App/Dep Con 134.2 227.3 MF 122.1 (5 NM to 6500')	H-1C
Centralia/James T. Fld Muni, ON (CYCE) Toronto Center App/Dep Con 135.30	H-10G, 11B, L-31D
Charlottetown, PE (CYYG) Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200')	H-11E, L-32J
Chatham-Kent, ON (CNZ3) Cleveland Center App/Dep Con 132.25	H-10G, L-30G

FACILITY NAME	CHART & PANEL
Collingwood, ON (CNY3) Toronto Center App/Dep Con 124.02	H-11B, L-31D
Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1	L-32G
Cranbrook/Canadian Rockies Intl, BC (CYXC) Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100')	H-1C
Debert, NS (CCQ3) Halifax Trml App/Dep Con 119.2	H-11E, L-32J
Digby, NS (CYID) Moncton Center App/Dep Con 123.9	L-32J
Downsview, ON (CYZD) Toronto Center App Con 133.4 Toronto Center Dep Con 133.4 MF 126.2 (3 NM to 1900')	H-11B, L-31E
Drummondville, QC (CSC3) Montreal Center App/Dep Con 132.35	L-32H
Earlton (Timiskaming Rgnl), ON (CYXR) MF 122.0 (5 NM to 3800') AWOS 128.6	H-11B
Elliot Lake Muni, ON (CYEL) Toronto Center App/Dep Con 135.4	L-31C
Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9	L-14H
Fredericton Intl, NB (CYFC) ATIS 127.55 Moncton Center App/Dep Con 124.3 135.5 270.8 Clnc Del 121.7 (Ltd hrs) MF 119.0 (5 NM to 3500')	H-11E, L-32I
Goderich, ON (CYGD) Toronto Center App/Dep 135.3 266.3	H-11B, L-31D
Greenwood, NS (CYZX) ATIS 128.85 244.3 (1100-0000Z‡) App/Dep Con 120.6 335.9 Tower 119.5 126.2 236.6 324.3 Gnd Con 133.75 289.4 Clnc Del 128.05 283.9	H-11E, L-32J
Grimsby Air Park, ON (CNZ8) Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475	L-31E
Halifax/Shearwater, NS (CYAW) ATIS 129.175 (Ltd hrs) App/Dep Con 119.2 Tower 119.0 126.2 340.2 360.2 (Ltd hrs) Gnd Con 121.7 250.1	H-11E, L-32J
Halifax/Stanfield Intl, NS (CYHZ) ATIS 121.0 Moncton Center App/Dep Con 118.7 119.2 128.55 135.3 225.2 363.8 Tower 118.4 236.6 Gnd Con 121.9 275.8 Clnc Del 123.95 Apron Advisory 122.125	H-11E, L-32J
Hamilton, ON (CYHM) ATIS 128.1 Toronto Trml App/Dep Con 128.27 268.75 Tower 119.7 125.0 Gnd Con 121.6	H-10H, 11B, L-11B
Kingston, ON (CYGK) Montreal Center App/Dep Con 135.05 398.4 (0400-1115Z‡) MF 122.5 (1115-0400Z‡ 5 NM to 3300')	H-11C, L-31E, 32F
Kitchener/Waterloo, ON (CYKF) ATIS 125.1 (1200-0400Z‡) Toronto Trml App/Dep Con 128.275 Waterloo Tower 126.0 118.55 (1200-0400Z‡) Gnd Con 121.8 MF 126.0 (0400-1200Z‡ 5 NM to 4000')	H-11B, L-31D
Lachute, QC (CSE4) Montreal Center App Con 124.65 132.85 268.3 Montreal Center Dep Con 132.85 268.3	L-32G
La Tuque, QC (CYLQ) Montreal Center App/Dep Con 134.5	H-11C
Langley, BC (CYNJ) ATIS 124.5 (1630-0230Z, DT 1530-0330Z) Victoria Trml 132.7 290.8 Tower 119.0 (1630-0230Z, DT 1530-0330Z) Gnd Con 121.9 MF 119.0 (0230-1630Z, DT 0330-1530Z 3 NM to 1900')	L-1E

FACILITY NAME	CHART & PANEL
Leamington, ON (CLM2) Cleveland Center App/Dep Con 132.45	L-30F
Lethbridge, AB (CYQL) ATIS 124.4 (1300-0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000')	H-1D
Lindsay, ON (CNF4) Toronto Center App/Dep 134.25	L-31E, L-32F
Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9	L-32J
London, ON (CYXU) ATIS 127.8 (1120-0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120-0345Z‡) Gnd Con 121.9 MF 119.4 (0345-1120Z‡ 5 NM to 3000')	H-10G, 11B, L-30G, 31D
Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9	L-31C
Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57	L-32G
Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500'. No gnd station. Excluding the portion S of the N shore of Riviere des Milles-Iles and 1 NM around Lac Agile Mascouche arpt.)	L-32G
Medicine Hat, AB (CYXH) AWOS 124.875 (0345-1245Z‡) MF 122.2 (1245-0345Z‡ 5 NM to 5400')	H-1D
Midland/Huronina, ON (CYEE) Toronto Center App/Dep 124.025	L-31D
Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7	H-11E, L-32J
Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075	H-11E, L-32J
Mont-Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57	L-32G
Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App Con 124.65 132.85 268.3 Montreal Dep Con 132.85 MF 119.1 (7 NM shape irregular to 2000') VFR Advisory 134.15	H-11C, 12K, L-32G
Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 124.65 126.9 132.85 268.3 Tower 119.9 267.1 Gnd Con 121.9 275.8 Clnc Del 125.6 Apron 122.075 Montreal Trml Dep Con 118.9 (SE-S-SW) 124.65 268.3 (W-NW-NE) VFR Advisory 134.15	H-11C, 12K, L-32G
Montreal/St-Hubert, QC (CYHU) ATIS 124.9 (Apr-Oct 1045-0500Z‡, Nov-Mar 1045-0400Z) AWOS 124.9 Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (Apr-Oct 1045-0500Z‡, Nov-Mar 1045-0400Z) Gnd Con 126.4 MF 118.4 (Apr-Oct 0500-1045Z‡, Nov-Mar 0400-1045Z 5 NM shape irregular to 2500') VFR Advisory 134.15	H-11C, L-32G
Muskoka, ON (CYQA) AWOS 124.575 MF 122.3 (5 NM to 3900')	H-11B, L-31D
Nanaimo, BC (CYCD) Victoria Trml App/Dep 120.8 133.95 252.3 MF 122.1 1330-0530Z‡ (5 NM to 2500')	H-1B, L-1E
North Bay, ON (CYYB) ATIS 124.9 (1130-0300Z‡) Toronto Center App/Dep 121.225 127.25 MF 118.3 (1130-0330Z‡ 7 NM to 5000')	H-11B, L31D
Oshawa, ON (CYOO) ATIS 125.675 (1130-0330Z‡) Toronto Trml App Con 133.4 Tower 120.1 (1130-0330Z‡) Gnd Con 118.4 Toronto Trml Dep Con 133.4 MF 120.1 (0330-1130Z‡ 5 NM to 3000')	L-31E

FACILITY NAME	CHART & PANEL
Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 128.175 252.5	L-31E, 32F
Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 252.5 MF 122.3 (5 NM shape irregular to 2500') VFR Advisory Ottawa Trml 127.7	H-11C, L-32G
Ottawa/MacDonald-Cartier Intl, ON (CYOW) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 120.1 341.3 Gnd Con 121.9 Clnc Del 119.4 Ottawa Dep Con 128.175	L-11C
Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6	L-31D
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L-30F
Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon-Fri 1300-2130Z†, OT PPR)	H-11C, L-31E, 32F
Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100')	H-1B
Peterborough, ON (CYPQ) AWOS 126.925 Toronto Center App/Dep 134.25	H-11B, L-31E, 32F
Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2	H-1D
Pitt Meadows, BC (CYPK) ATIS 125.0 (1500-0700Z‡) Vancouver Center App Con 128.6 352.7 (Outer) Pitt Tower 126.3 (1500-0700Z‡) Gnd Con 123.8 Vancouver Center Dep Con 132.3 363.8 (South) MF 126.3 (0700-1500Z‡) (3NM to 2500')	L-1E
Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 (185.65 Quebec Twr VFR acft at or below 3000') Tower 118.65 236.6 Gnd Con 121.9 250.0	H-11D, L-32H
Riviere Du Loup, QC (CYRI) AWOS 122.025 (Pvt) Montreal Center App/Dep Con 125.1 299.6	H-11D
Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000')	H-11B
Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400')	H-11E, L-32J
Sarnia (Chris Hadfield), ON (CYZR) Toronto Center 134.375	H-10G, 11B, L-30F
Sault Ste Marie, ON (CYAM) ATIS 133.05 (1300-0100Z‡) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1300-0100Z‡) Gnd Con 121.7 MF 118.8 (0100-1300Z‡ 5 NM irregular shape to 3000')	H-2K, L-31B
Sherbrooke, QC (CYAM) AWOS 126.25 Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800')	H-11D, L-32H
South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275	L-31E, 32F
Southport, MB (CYPG) ATIS 120.85 (Mon-Fri 1400-2300Z‡ except holidays) Tower 126.2 384.2 (Mon-Fri 1400-2300Z‡ except holidays) Gnd Con 121.7 275.8	H-2H

FACILITY NAME	CHART & PANEL
Springwater Barrie Airpark, ON (CNA3) Toronto Center App/Dep Con 124.025	L-31D
St. Catharines/Niagara District, ON (CYSN) ATIS 128.525 (1215-0200Z‡) Toronto Trml App/Dep Con 133.4 253.1 MF 123.25 (1215-0200Z‡ 5 NM to 3300')	H-10H, 11B, L-31E
St. Frederic, QC (CSZ4) Montreal Center App/Dep Con 135.025 270.9	L-32H
St. Georges, QC (CYSG) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM 3900' ASL)	H-32H, L-11D
St. Jean, QC (CYJN) Montreal Center App/Dep Con 125.15 268.3 Tower 118.2 (Apr-Oct 1230-0230Z‡ Nov-Mar 1300-0200Z‡) Gnd Con 121.7	L-32G
Sudbury, ON (CYSB) ATIS 127.4 Toronto Center App/Dep Con 135.5 MF 125.5 (7 NM to 4000')	H-31B, 10G, L-31D
Summerside, PE (CYSU) AWOS 122.55 (Pvt) Moncton Center App/Dep Con 124.4 384.8	H-11E, L-32J
Thunder Bay, ON (CYQT) ATIS 128.8 (1100-0400Z‡) Winnipeg Center App/Dep Con 132.125 (0400-1100Z‡) Tower 118.1 (1100-0400Z‡) Gnd Con 121.9 App/Dep 119.2 MF 118.1 (0400-1100Z‡ 5 NM to 4000')	H-2J, L-14J
Timmins, ON (CYTS) ATIS 124.95 (1000-0500Z‡) Toronto Center App/Dep Con 128.3 226.3 MF 122.3 (5 NM to 4000')	H-11B
Toronto/Buttonville Muni, ON (CYKZ) ATIS 127.1 (1200-0400Z‡) Toronto Center App Con 133.4 Toronto Center Dep Con 133.4 Tower 124.8 119.9 (1200-0400Z‡) Gnd Con 121.8 MF 124.8 (0400-1200Z‡ No gnd station. 5 NM shape irregular to below 2500')	L-31E
Toronto/City Centre, ON (CYTZ) ATIS 133.6 (1130-0400Z‡) App Con 133.4 Dep Con 133.4 Tower 118.2 119.2 226.5 (1130-0400Z‡) Gnd Con 121.7	L-31E
Toronto/Lester B Pearson Intl, ON (CYYZ) ATIS 120.825 App Con 124.475 125.4 132.8 Dep Con 127.575 128.8 Tower 118.35 118.7 Gnd Con 118.0 119.1 121.65 121.9 Clnc Del 121.3 (1200-0400Z‡) VFR Advisory 119.3 133.4	H-11B, L-31D
Trenton, ON (CYTR) ATIS 135.45 257.7 App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8 Clnc Del 124.35 286.4	H-11C, L-31E, 32F
Trenton/Mountain View, ON (CPZ3) Trenton Mil Advisory 268.0	H-11C, L-31E, 32F
Trois-Rivieres, QC (CYRQ) Montreal Center App/Dep Con 128.225 229.2 MF 123.0 (5 NM to 3200')	H-11C, L-32H

FACILITY NAME	CHART & PANEL
Val-D'or, QC (CYVO) Montreal Center App/Dep Con 125.9 308.3 MF 118.5 (1030-0325Z± 5 NM to 4000')	H-11B
Vancouver Intl, BC (CYVR) ATIS 124.6 124.75 App Con 128.6 128.17 352.7 (Outer) 133.1 134.225 352.7 (Inner) Dep Con 126.125 (north) 132.3 (south) 363.8 Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6 Gnd Con 121.7 (south) 127.15 (north) 275.8 Clns Del 121.4	H-1B, L-1E
Victoria Intl, BC (CYYJ) ATIS 118.8 (1400-0800Z±) App Con 125.95 308.4 Dep Con 133.85 308.4 Tower 119.1 (Outer) 119.7 (Inner) 239.6 Gnd Con 121.9 361.4 (1400-0800Z± OT ctc Kamloops 119.7) Clns Del 126.4 (1400-0800Z±)	H-1B, L-1E
Victoriaville, QC (CSR3) Montreal Center App Con 132.35	L-32H
Waterville/Kings Co Muni, NS (CCW3) Greenwood Trml App/Dep Con 120.6 335.9 Greenwood Tower 119.5 324.3	L-32J
Warton, ON (CYVW) Toronto Center App/Dep Con 132.575 MF 122.2 (5 NM to 3700')	H-11B, L-31D
Windsor, ON (CYQG) ATIS 134.5 (1130-0330Z±) Detroit App/Dep Con 126.85 127.5 134.3 348.3 363.2 Tower 124.7 (1130-0330Z±) Gnd Con 121.7 MF 124.7 (0330-1130Z± 6 NM irregular shape to below 3000') VFR Advisory Detroit App Con 134.3	H-10G, L-8J
Yarmouth, NS (CYQI) Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100')	H-11E, L-32I

MEXICO

FACILITY NAME	CHART & PANEL
Abraham Gonzalez Intl (MMCS) Juarez App Con 119.9 Juarez Tower 118.9	H-4K, L-6F
Del Norte Intl (MMAN) ATIS 127.55 (1300-0300Z±) Monterrey App 119.75 120.4 Tower 118.6	H-7B, L-20G
Durango Intl (MMDO) ATIS 132.1 Tower 118.1 Durango Info 122.3	H-7A
General Abelardo L Rodriguez Intl (MMTJ) ATIS 127.9 Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Clns Del 122.35 Tijuana Info 132.1	H-4H, L-4H
General Lucio Blanco Intl (MMRX) Reynosa App Con 118.8 Reynosa Tower 118.8	H-7B, L-20H
General Mariano Escobedo Intl (MMMY) ATIS 127.7 Monterrey App Con 119.75 120.4 Monterrey Tower 118.1 Gnd Con 121.9	H-7B, L-20G
General R Fierro Villalobos Intl (MMCU) ATIS 127.9 Chihuahua App Con 121.0 Chihuahua Tower 118.4	L-6I
General Rodolfo Sanchez Taboada Intl (MMML) ATIS 127.6 Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3	H-4H, L-4J, 5A

FACILITY NAME	CHART & PANEL
General Servando Canales (MMMA) Matamoros App Con 118.0 Matamoros Tower 118.0	H-7C, L-21A
Plan De Guadalupe Intl (MMIO) Saltillo App Con 127.4 Saltillo Tower 118.4	H-7B
Quetzalcoatl Intl (MMNL) Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3	H-7B, L-20G
Torreon Intl (MMTC) App Con 119.6 Tower 118.5	H-7A









In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the A/FD. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the A/FD may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

GENERAL INFORMATION





PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , .
2. Approach lighting systems that do not bear a system identification are indicated with a negative "0" beside the name. A star (★) indicates non-standard PCL, consult the individual airport in the front portion of the A/FD, e.g., ★. To activate lights use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8 , , .

<u>KEY MIKE</u>	<u>FUNCTION</u>
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

FAA procedure amendment number  Amdt 11A 99365  Date of latest change
 Orig 00365 

The Chart Date identifies the Julian date the chart was added to the volume or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest addition or change was first published.

The Procedure Amendment Number precedes the Chart Date, and changes any time instrument information (e.g., DH, MDA, approach routing, etc.) changes. Procedure changes also cause the Chart Date to change.

MISCELLANEOUS

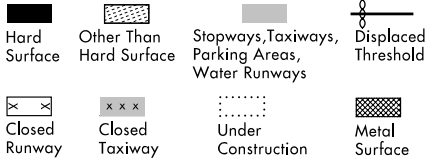
- ★ Indicates a non-continuously operating facility, see the individual airport in the front portion of the A/FD.
- # Indicates control tower temporarily closed UFN.

09071
LEGEND

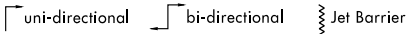
INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM

Runways



ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.



ARRESTING SYSTEM

REFERENCE FEATURES

Buildings.....	■
Tanks.....	●
Obstructions.....	▲
Airport Beacon #.....	☆
Runway	
Radar Reflectors.....	▼
Control Tower #.....	■
Hot Spot.....	○

When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A **D** symbol is shown to indicate runway declared distance information available, see appropriate A/FD, Alaska or Pacific Supplement for distance information.

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression.

Refer to the appropriate Supplement/Directory for applicable codes e.g.,
RWY 14-32 S75, T185, ST175, TT325
PCN 80 F/D/X/U

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures landing point.....

Runway Threshold elevation.....THRE 123

Runway TDZ elevation.....TDZE 123

Runway Slope.....0.3% DOWN

(shown when runway slope is greater than or equal to 0.3%)

NOTE:

Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

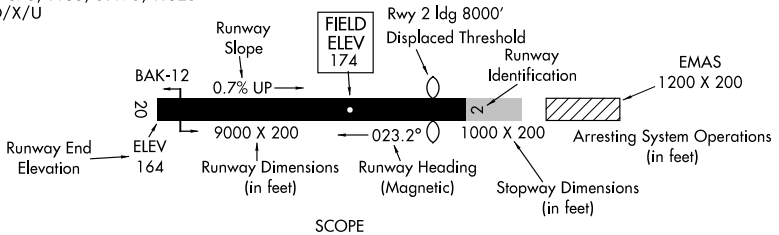
True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

Positional accuracy within ±600 feet unless otherwise noted on the chart.

NOTE:

All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FUP. (Foreign Only)



Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations and provide information for updating Computer Based Navigation Systems (I.E., INS, GPS) aboard aircraft. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

LEGEND

HOT SPOTS

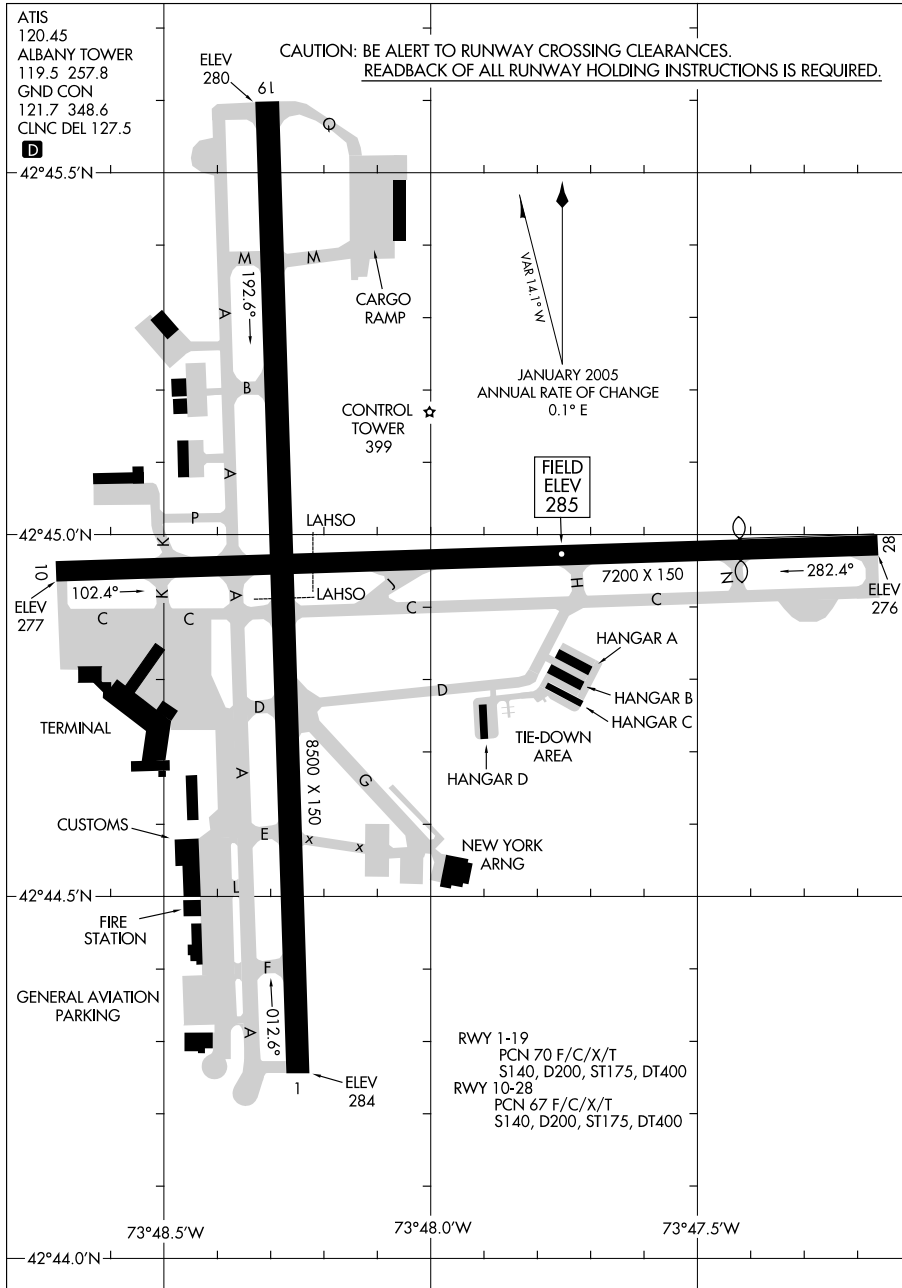
An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary. A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HOT¹", "HOT²", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
BALTIMORE		
BALTIMORE/WASHINGTON	HOT ¹	Uncontrolled stop bar. No crossing allowed.
INTL THURGOOD MARSHALL (BWI)		
NEW JERSEY		
CALDWELL		
ESSEX CO (CDW)	HOT ¹	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twn N due to close proximity to Rwy 28.
NEW YORK		
ROCHESTER		
GREATER ROCHESTER INTL (ROC)	HOT ¹	Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other.
	HOT ²	Do not cross Rwy 10–28 without specific ATC clearance.

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AIRPORT DIAGRAM

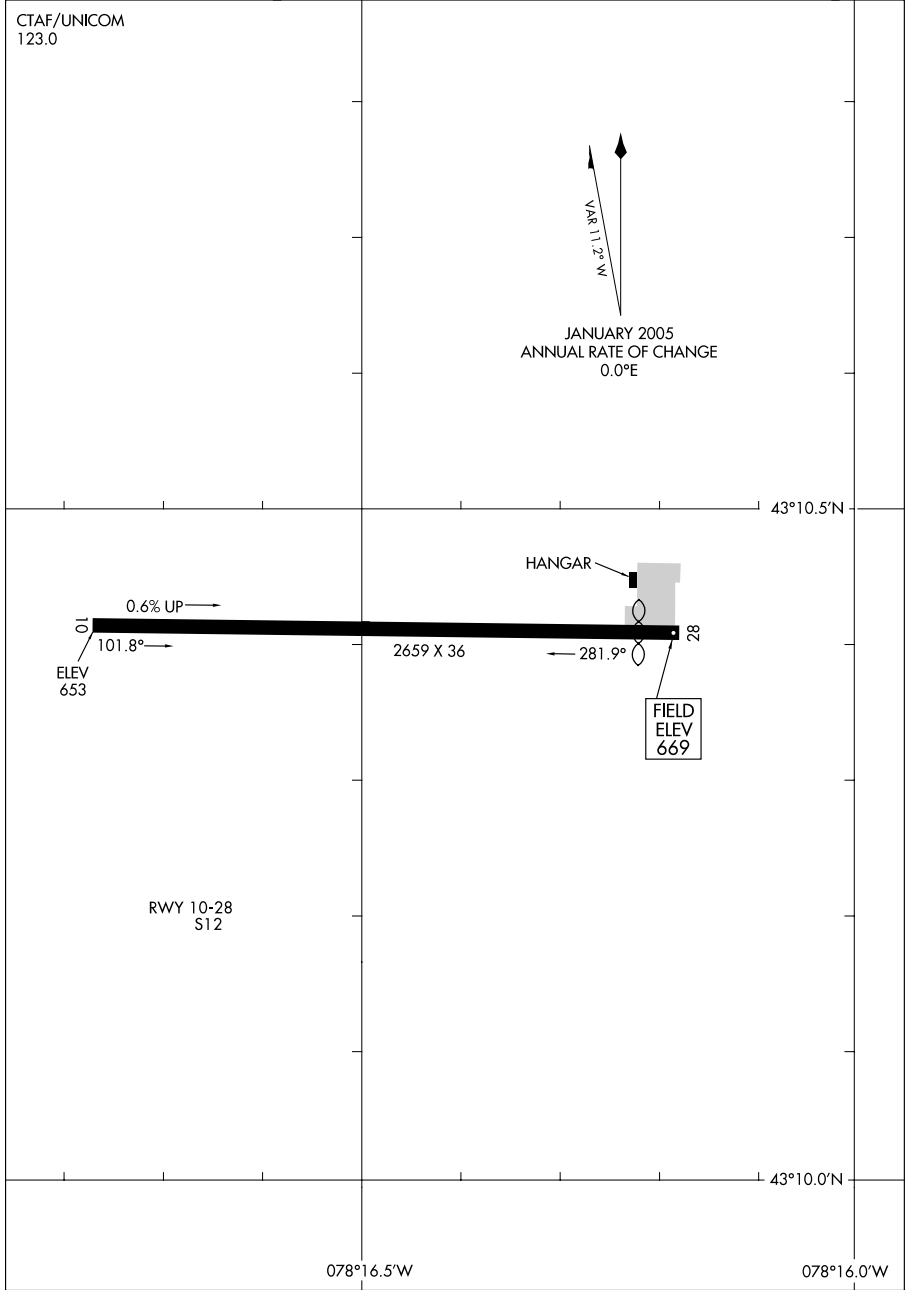
AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK

AIRPORT DIAGRAM

09183

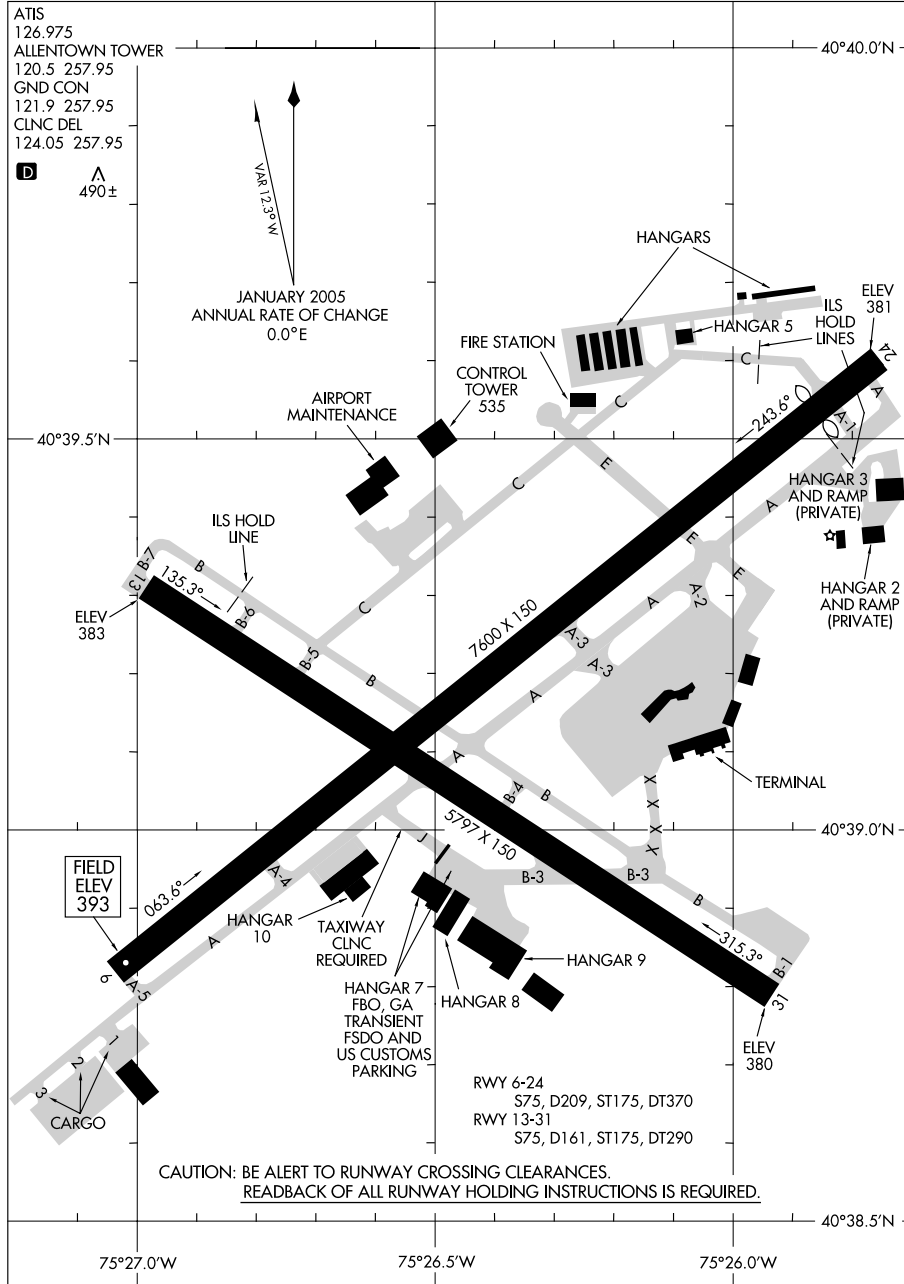
ALBANY, NEW YORK
ALBANY INTL (ALB)



09239

AIRPORT DIAGRAM

AL-15 (FAA)

ALLENTOWN / LEHIGH VALLEY INTL (ABE)
ALLENTOWN, PENNSYLVANIA

AIRPORT DIAGRAM

09239

ALLENTOWN, PENNSYLVANIA
ALLENTOWN / LEHIGH VALLEY INTL (ABE)

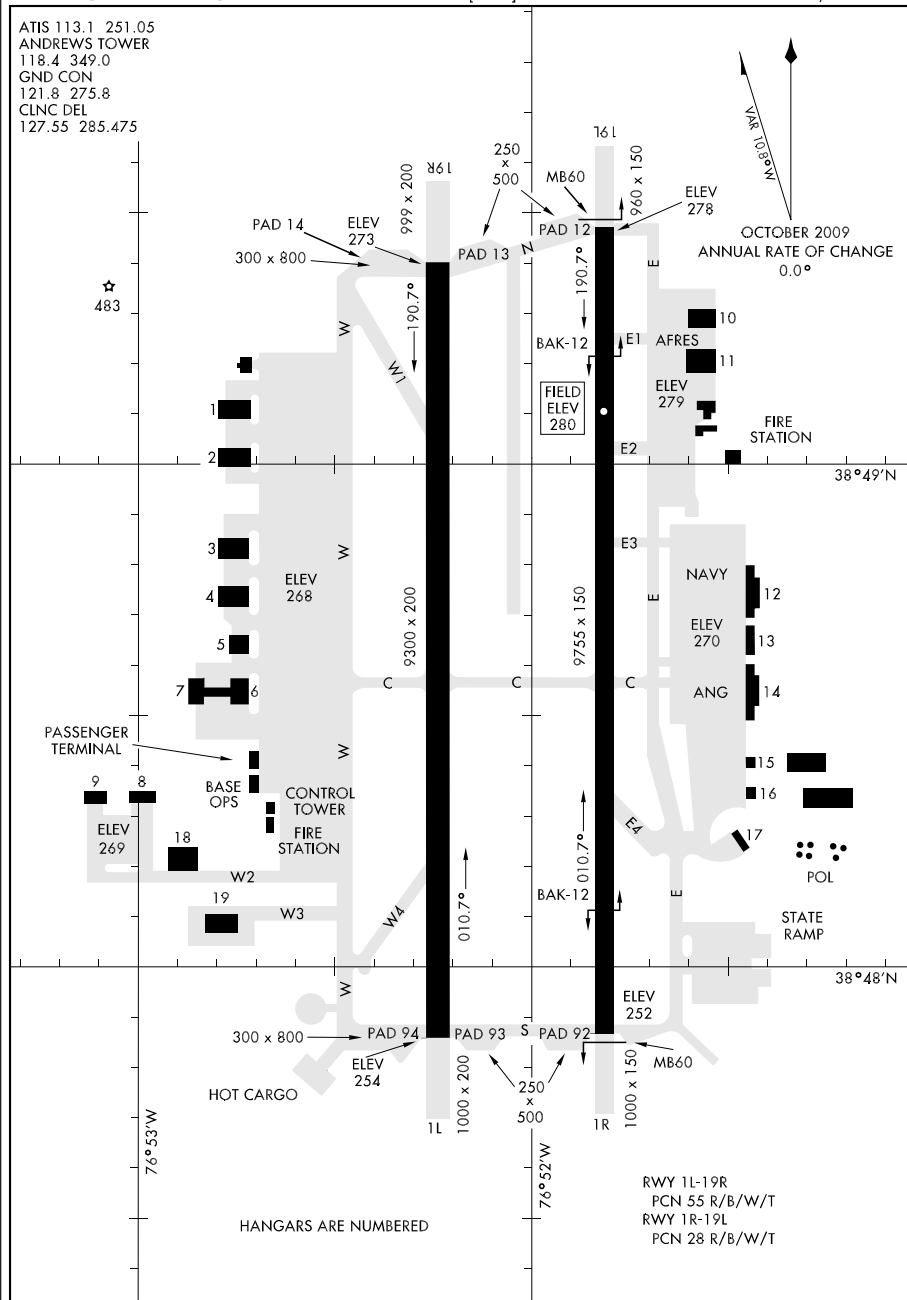
09295

AIRPORT DIAGRAM

AFD-561 [USAF]

ANDREWS AFB (KADW)

CAMP SPRINGS, MARYLAND



AIRPORT DIAGRAM

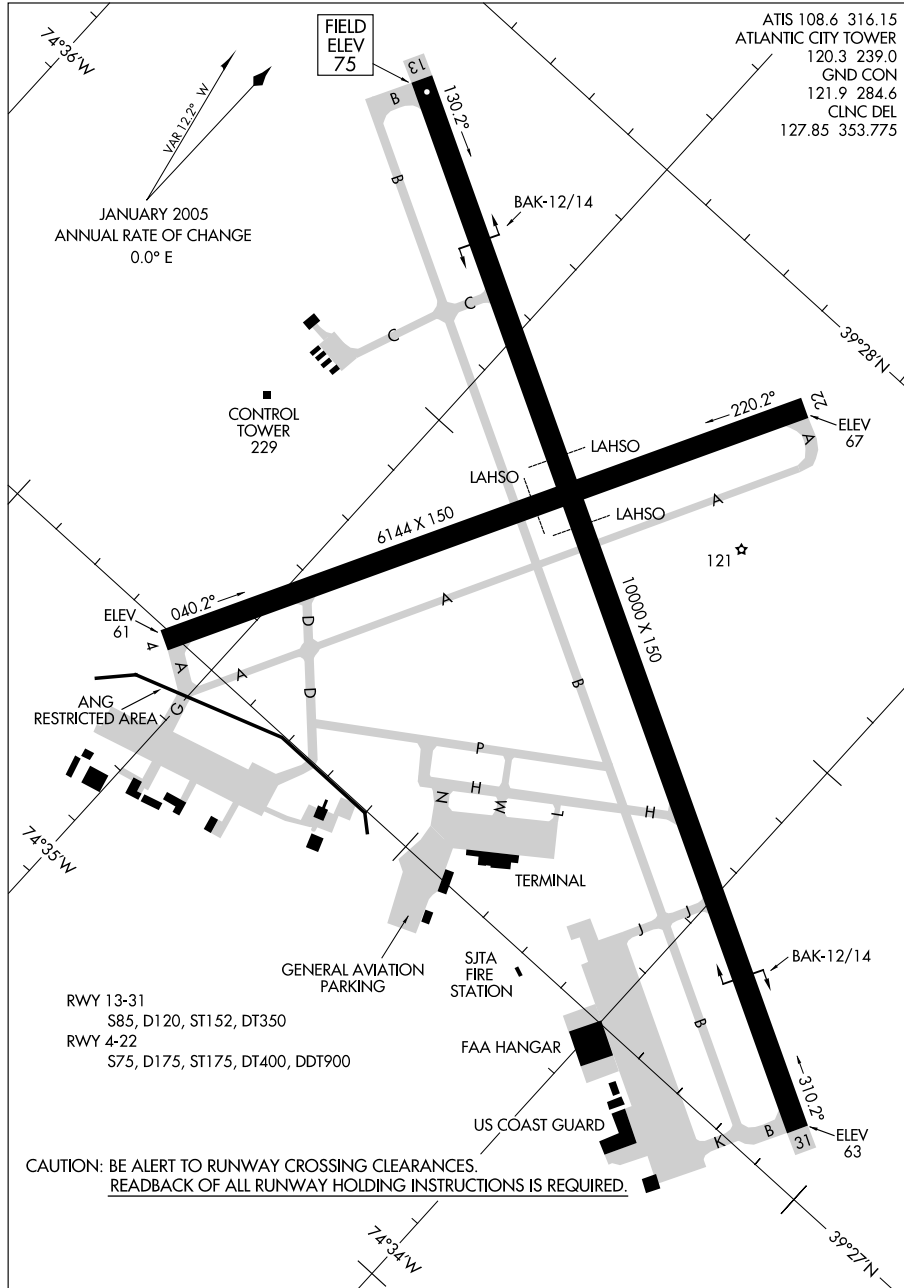
CAMP SPRINGS, MARYLAND

ANDREWS AFB (KADW)

08269

AIRPORT DIAGRAM

ATLANTIC CITY INTL (ACY)
ATLANTIC CITY, NEW JERSEY



AIRPORT DIAGRAM

08269

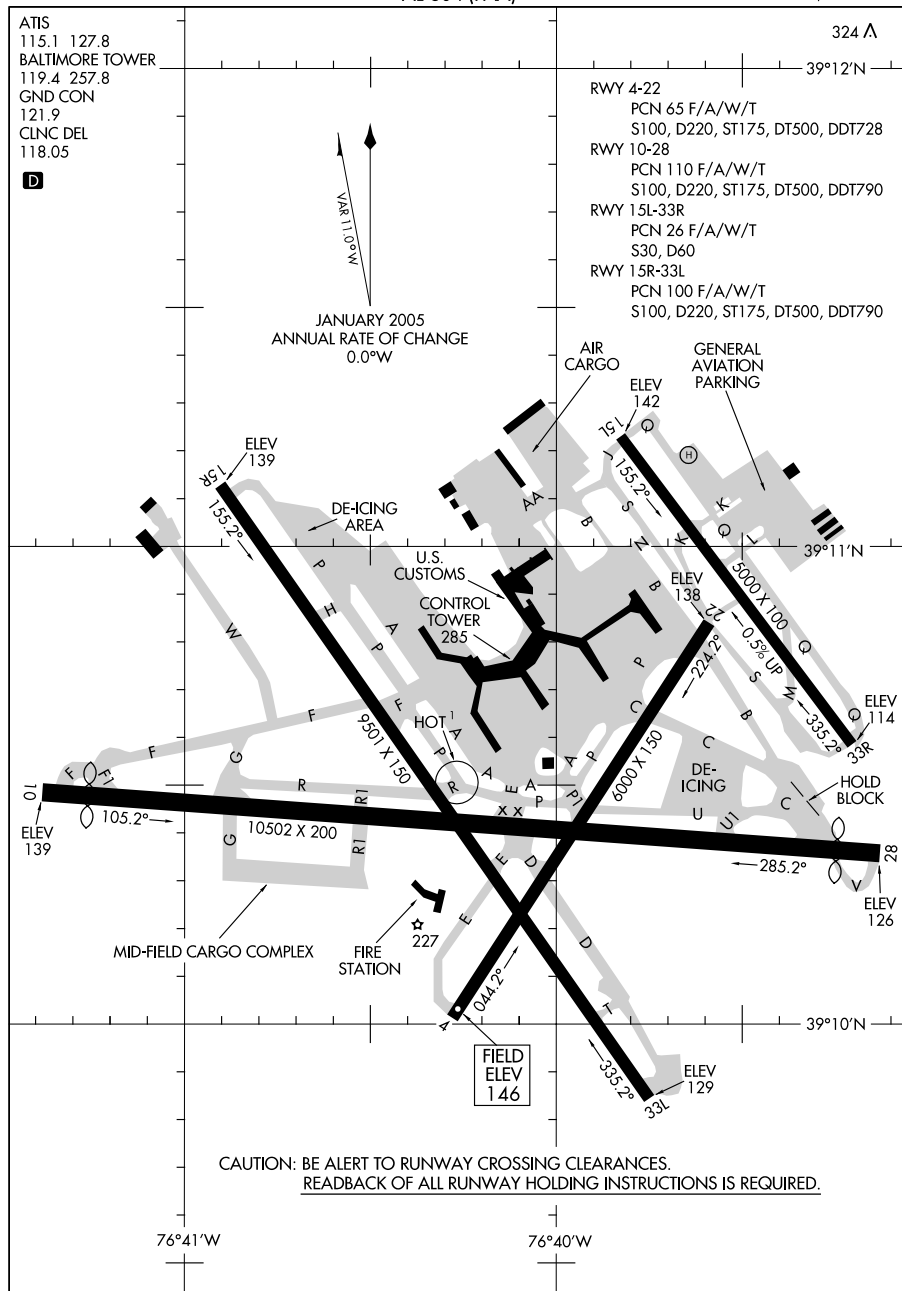
ATLANTIC CITY, NEW JERSEY
ATLANTIC CITY INTL (ACY)

09295

AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)
AL-804 (FAA)

BALTIMORE, MARYLAND



AIRPORT DIAGRAM

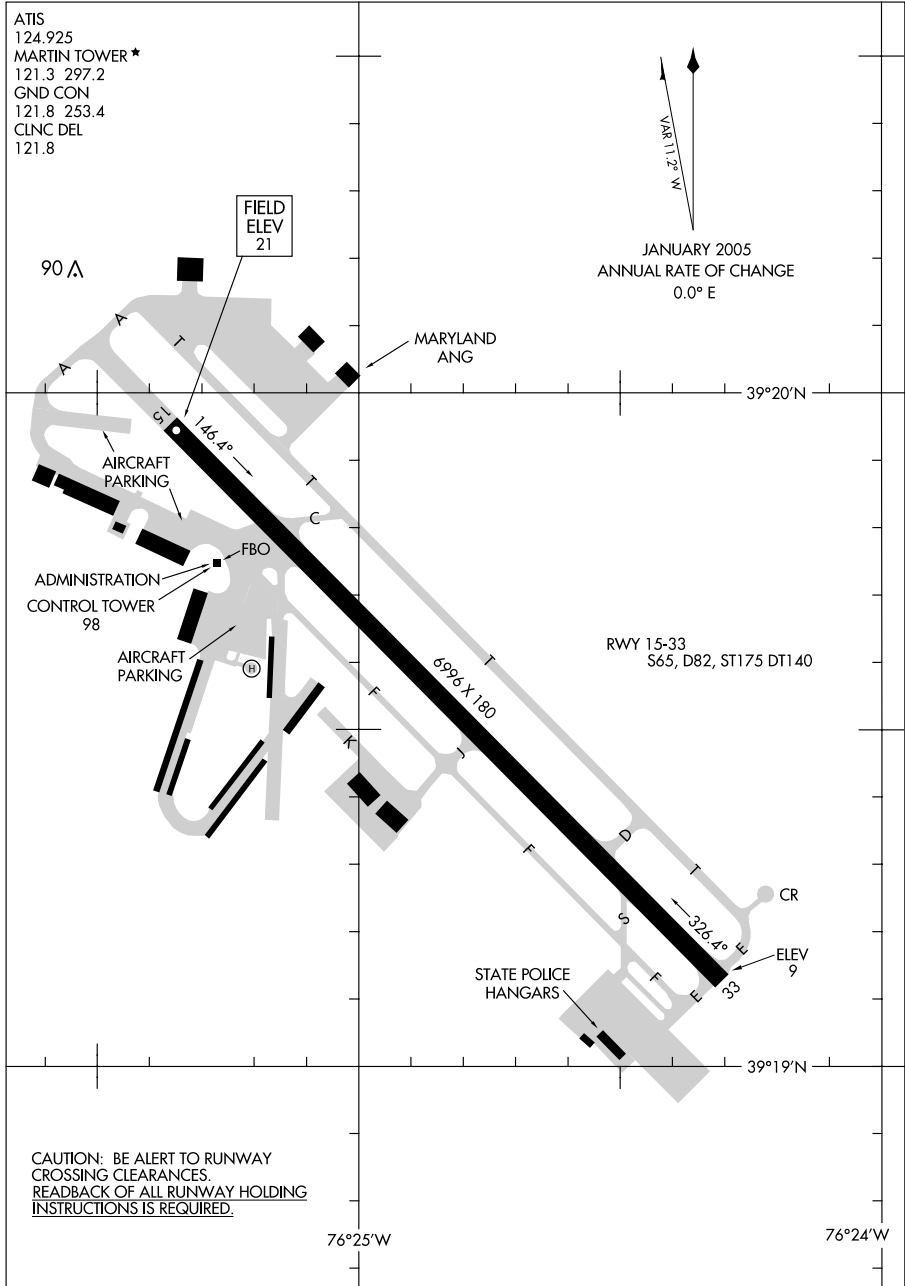
09295

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)
BALTIMORE, MARYLAND

09295

AIRPORT DIAGRAM

AL-5222 (FAA)

BALTIMORE/MARTIN STATE (MTN)
BALTIMORE, MARYLAND

AIRPORT DIAGRAM

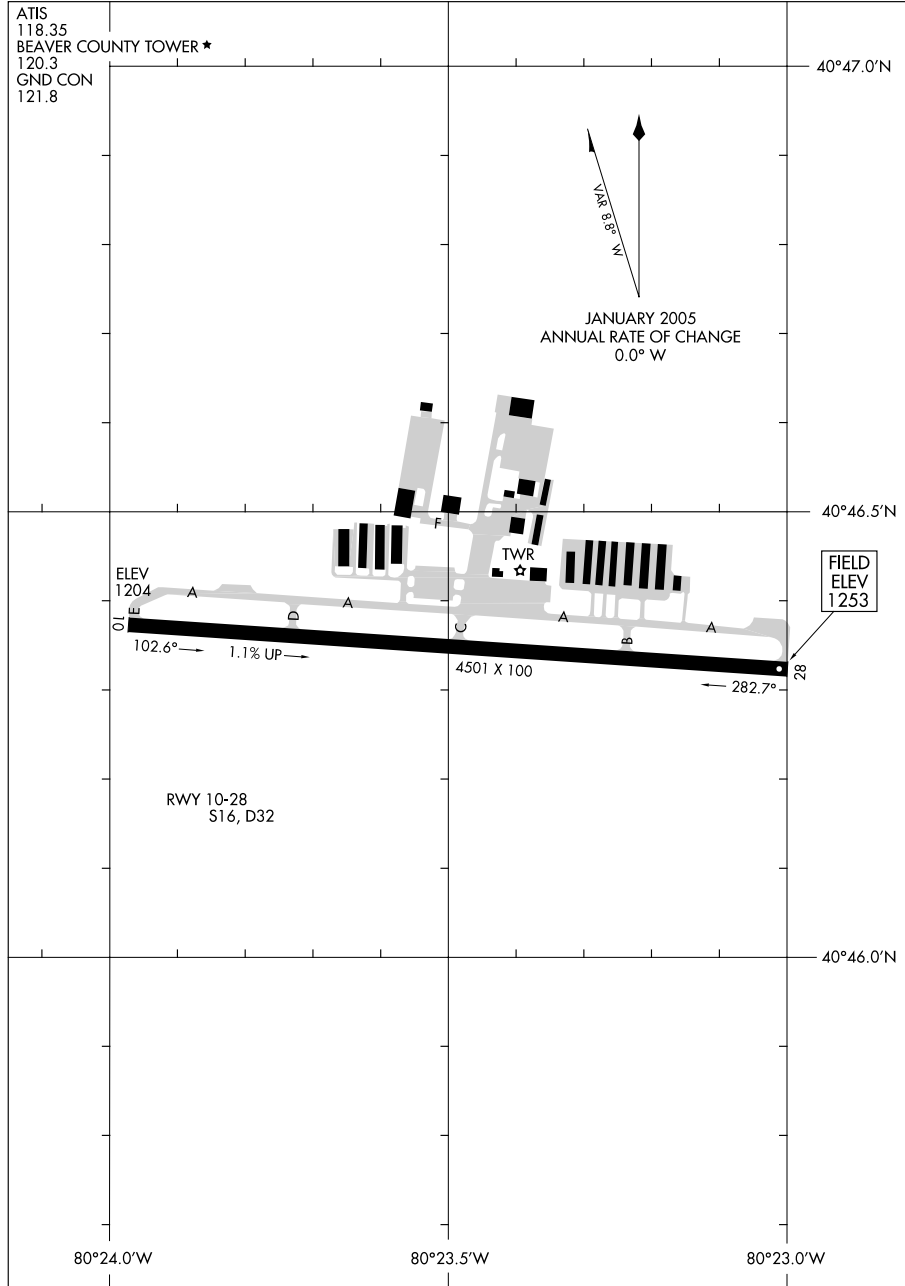
09295

BALTIMORE, MARYLAND
BALTIMORE/MARTIN STATE (MTN)

09295

AIRPORT DIAGRAM

AL-5206 (FAA)

BEAVER FALLS/ BEAVER COUNTY (BVI)
BEAVER FALLS, PENNSYLVANIA

AIRPORT DIAGRAM

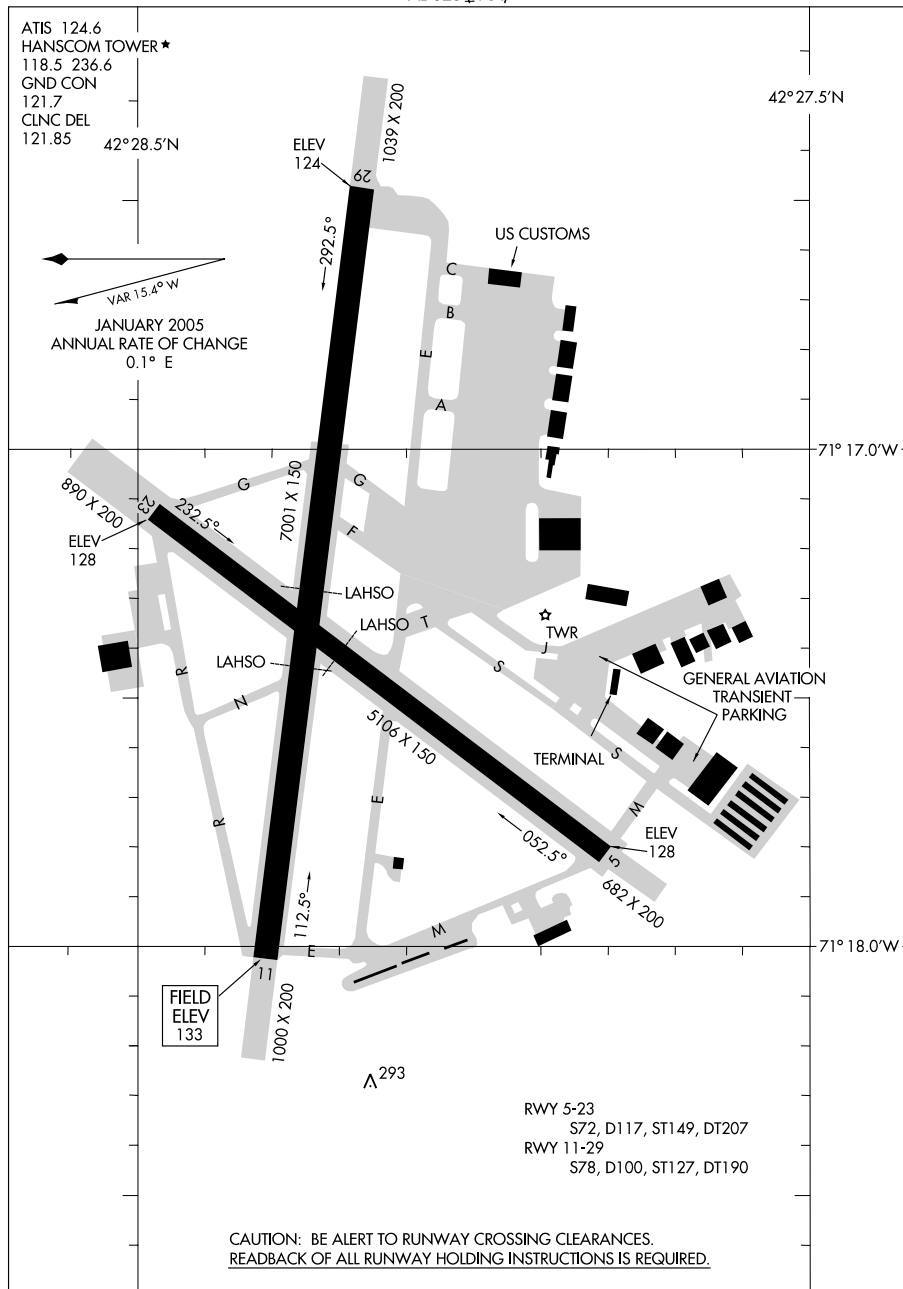
09295

BEAVER FALLS, PENNSYLVANIA
BEAVER FALLS/BEAVER COUNTY (BVI)

07242

AIRPORT DIAGRAM

BEDFORD / LAURENCE G. HANSCOM FIELD (BED)
AL-626 (FAA) BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

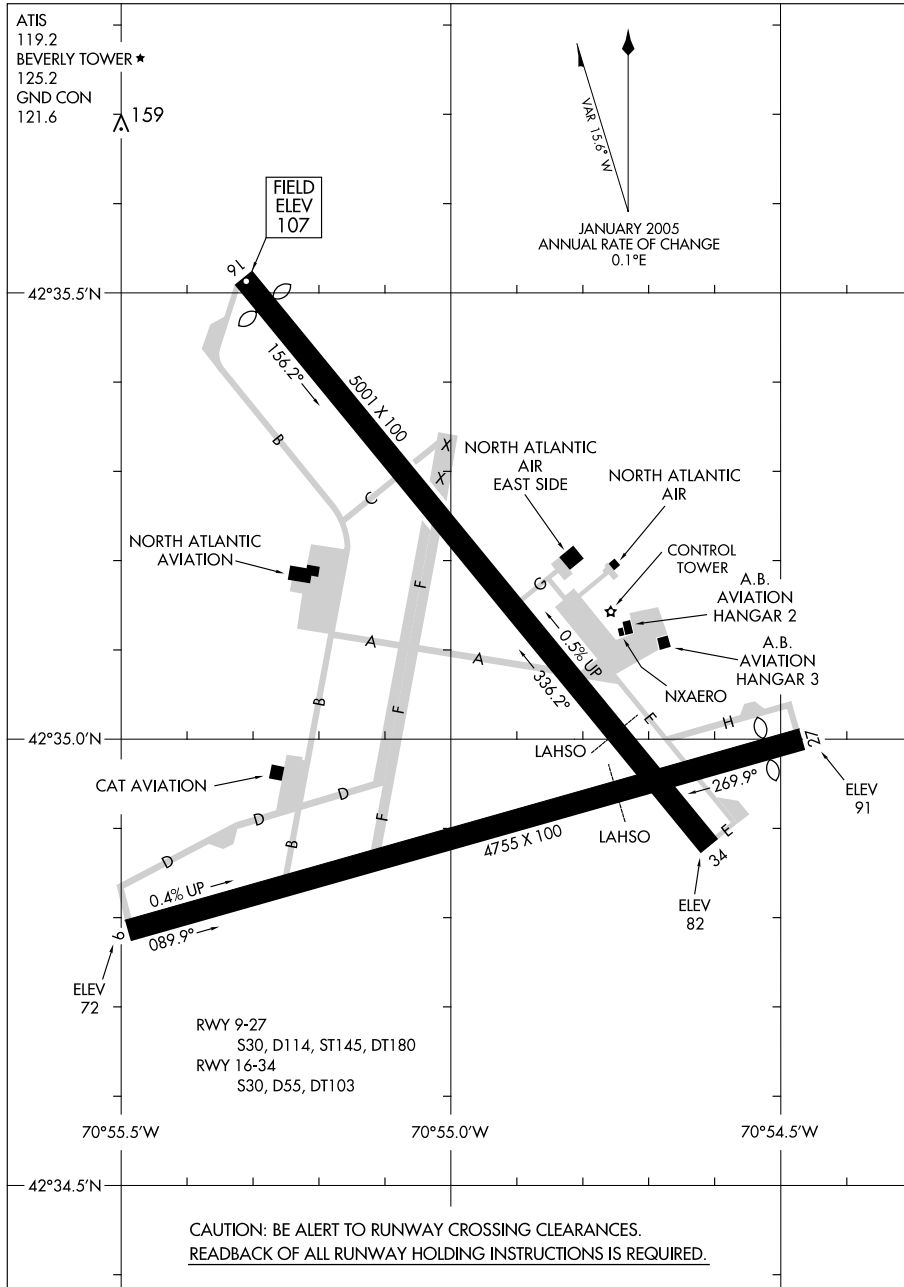
07242

BEDFORD, MASSACHUSETTS
BEDFORD / LAURENCE G. HANSCOM FIELD (BED)

09015

AIRPORT DIAGRAM

AL-5039 (FAA)

BEVERLY MUNI (BVY)
BEVERLY, MASSACHUSETTS

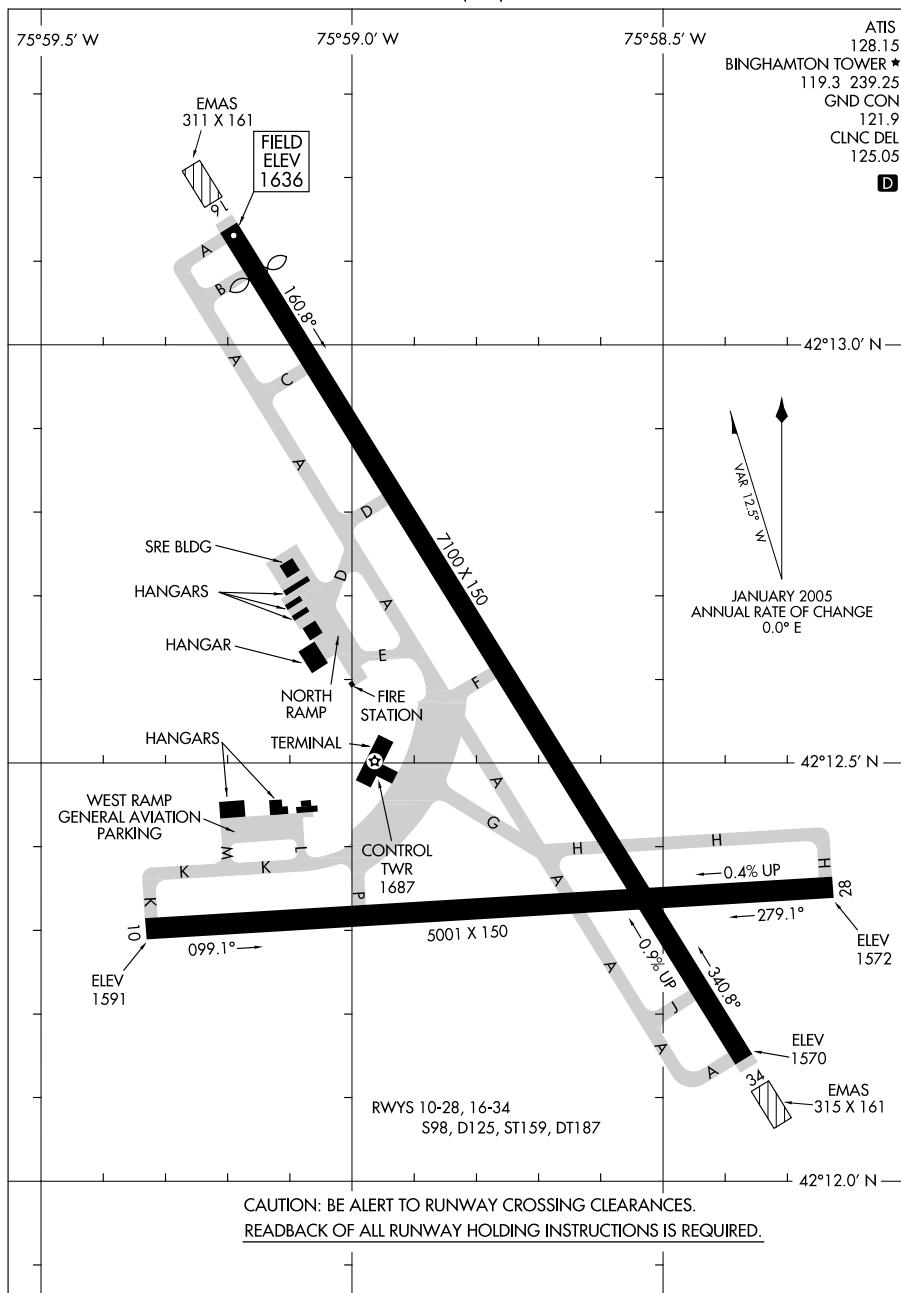
AIRPORT DIAGRAM

BEVERLY, MASSACHUSETTS
BEVERLY MUNI (BVY)

09015

09239

AIRPORT DIAGRAM

BINGHAMTON/ GREATER BINGHAMTON/ EDWIN A. LINK FIELD (BGM)
AL-20 (FAA)
BINGHAMTON, NEW YORK

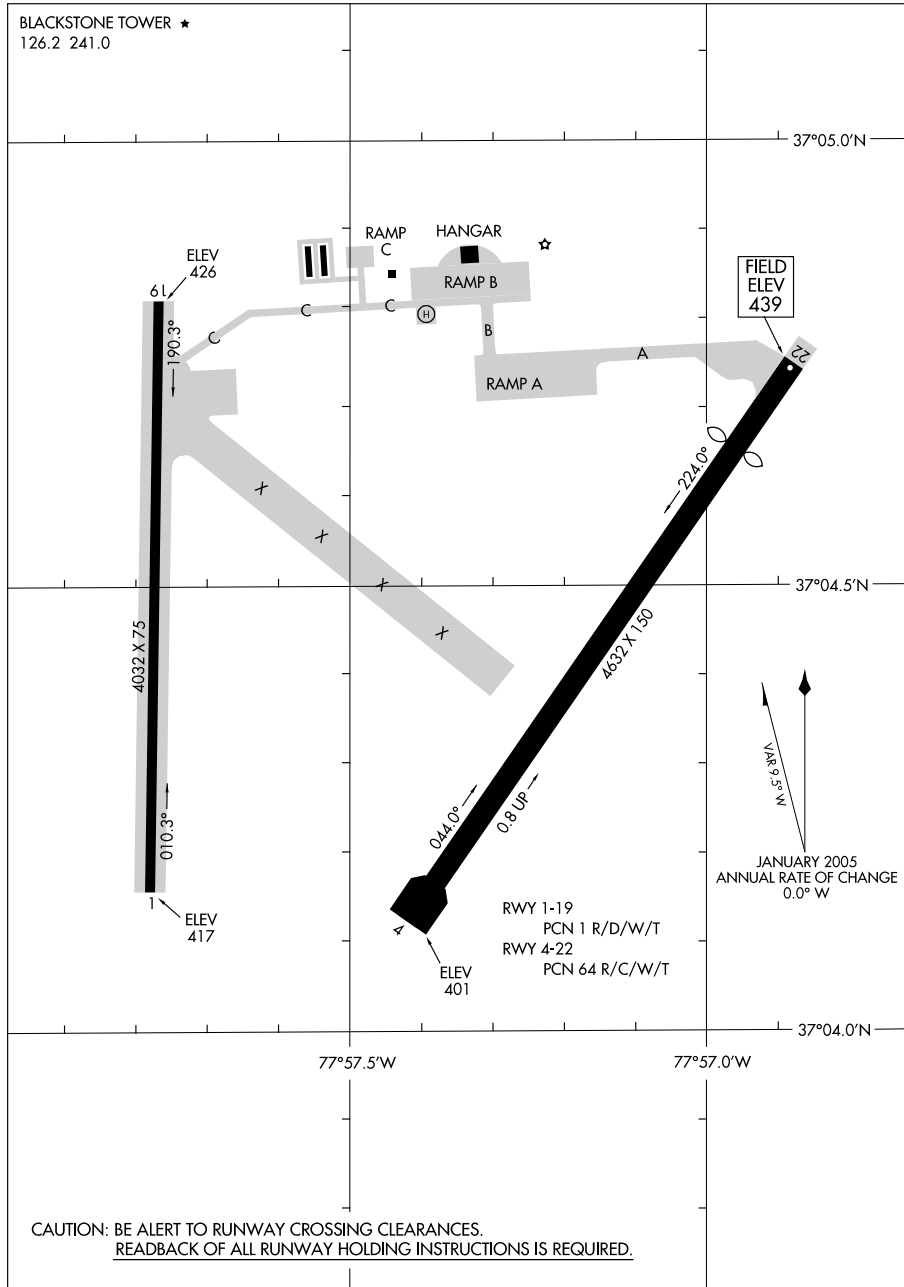
AIRPORT DIAGRAM

09239

BINGHAMTON, NEW YORK
BINGHAMTON/ GREATER BINGHAMTON/ EDWIN A. LINK FIELD (BGM)

09015

AIRPORT DIAGRAM

BLACKSTONE/ALLEN C. PERKINSON/BAAF (BKT)
AL-52 (FAA) BLACKSTONE, VIRGINIA

AIRPORT DIAGRAM

09015

BLACKSTONE, VIRGINIA
BLACKSTONE/ALLEN C. PERKINSON/BAAF (BKT)

BRIDGEPORT / IGOR I. SIKORSKY MEMORIAL (BDR)
AL-621 (FAA) BRIDGEPORT, CONNECTICUT



RWY 6-24
S30, D106, ST135
RWY 11-29
S30, D108, ST137

BRIDGEPORT / IGOR I. SIKORSKY MEMORIAL (BDR)

09239

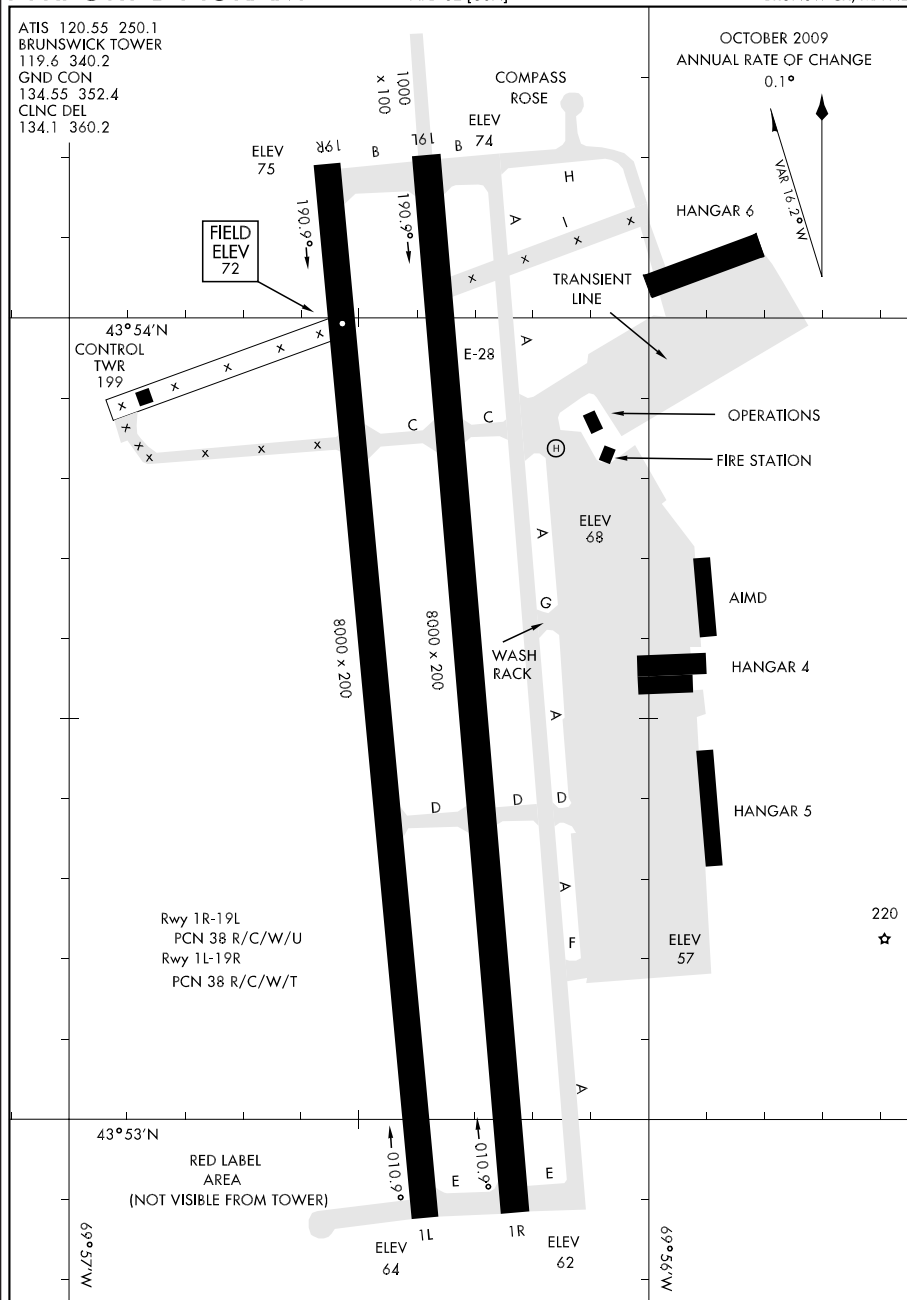
09295

AIRPORT DIAGRAM

AFD-62 [USN]

BRUNSWICK NAS (KNHZ)

BRUNSWICK, MAINE

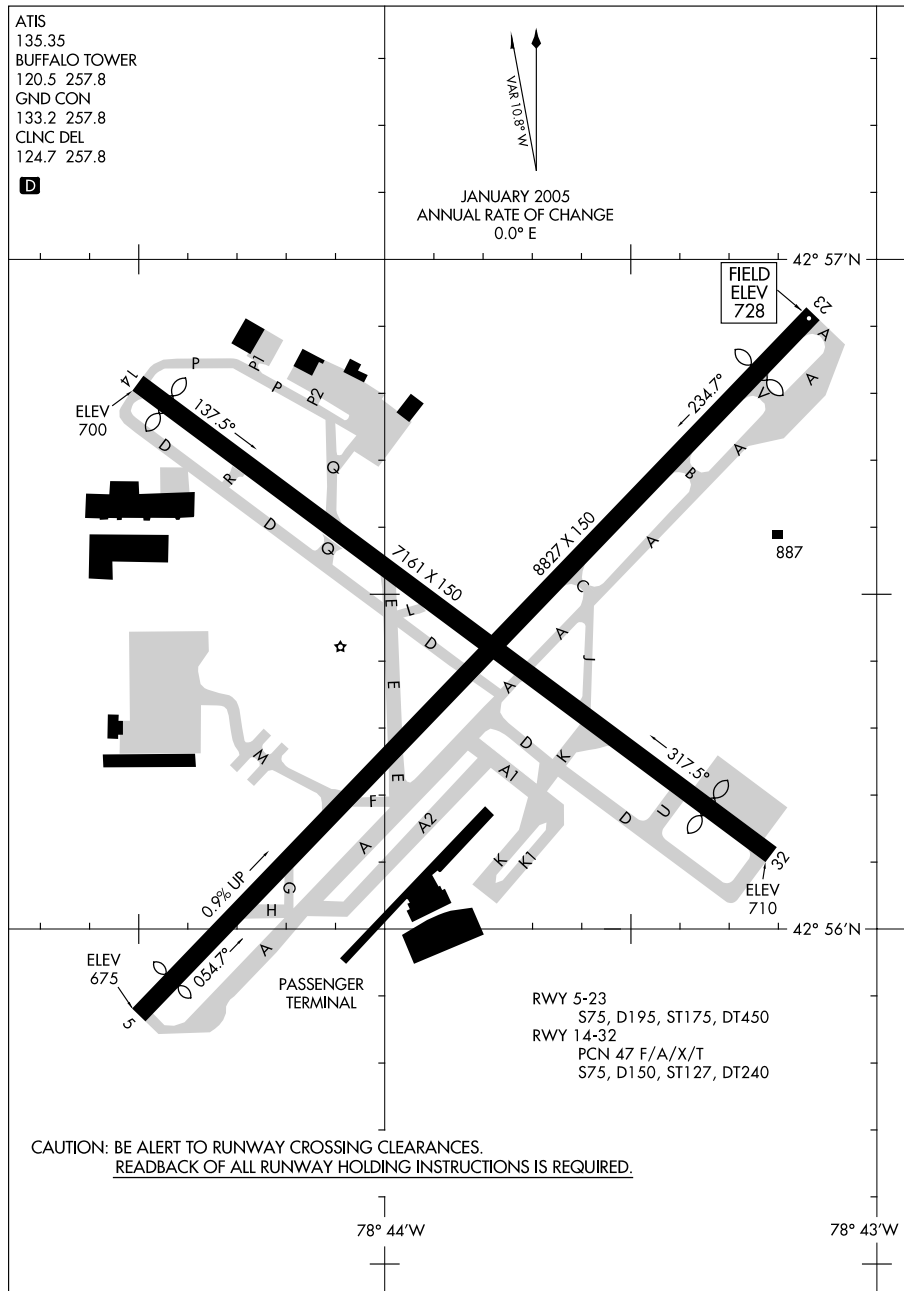


AIRPORT DIAGRAM

 BRUNSWICK, MAINE
 BRUNSWICK NAS (KNHZ)

09239

AIRPORT DIAGRAM

BUFFALO NIAGARA INTL (BUF)
BUFFALO, NEW YORK

AIRPORT DIAGRAM

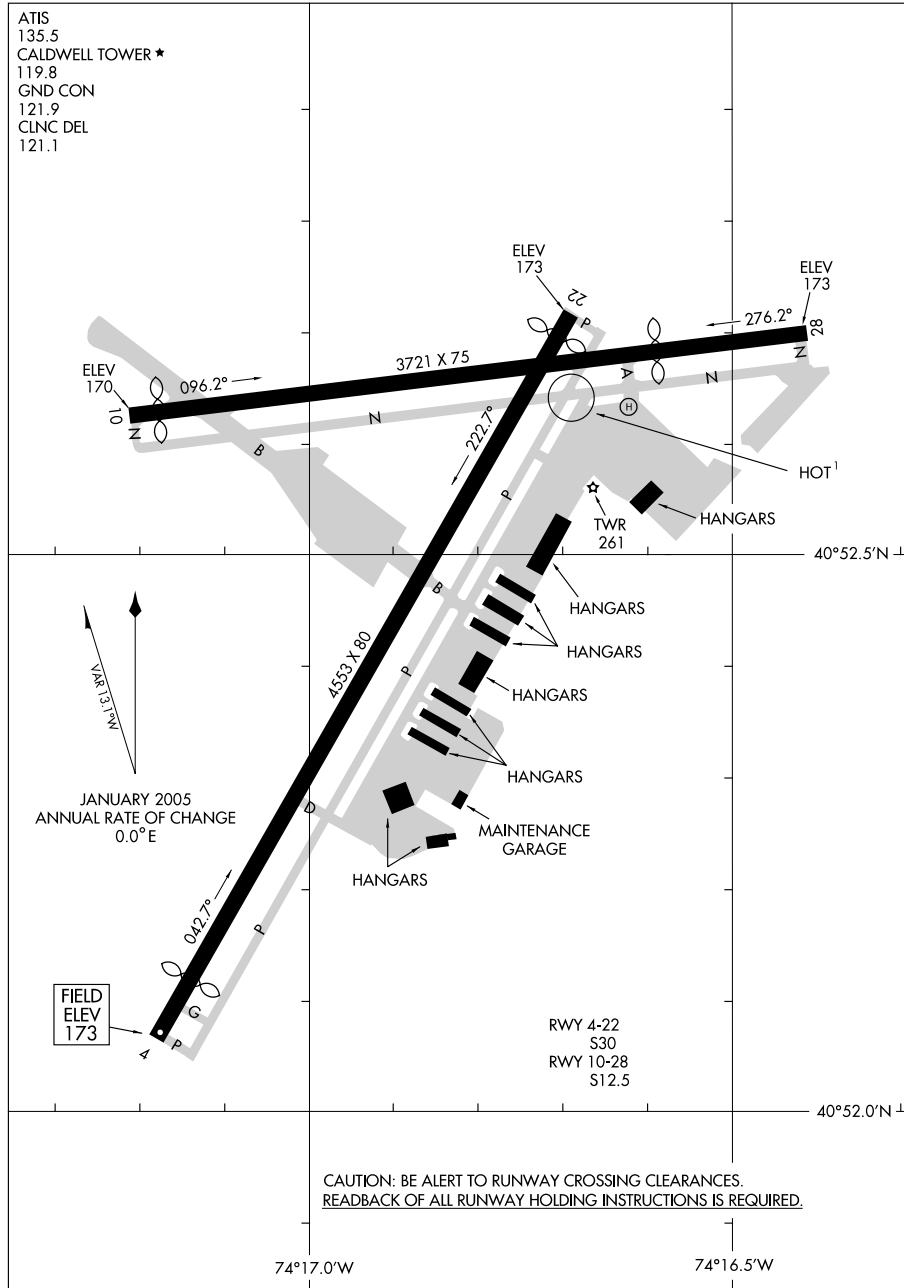
BUFFALO, NEW YORK
BUFFALO NIAGARA INTL (BUF)

09239

09239

AIRPORT DIAGRAM

AL-5275 (FAA)

CALDWELL/ ESSEX COUNTY (CDW)
CALDWELL, NEW JERSEY

AIRPORT DIAGRAM

09239

CALDWELL, NEW JERSEY
CALDWELL/ ESSEX COUNTY (CDW)

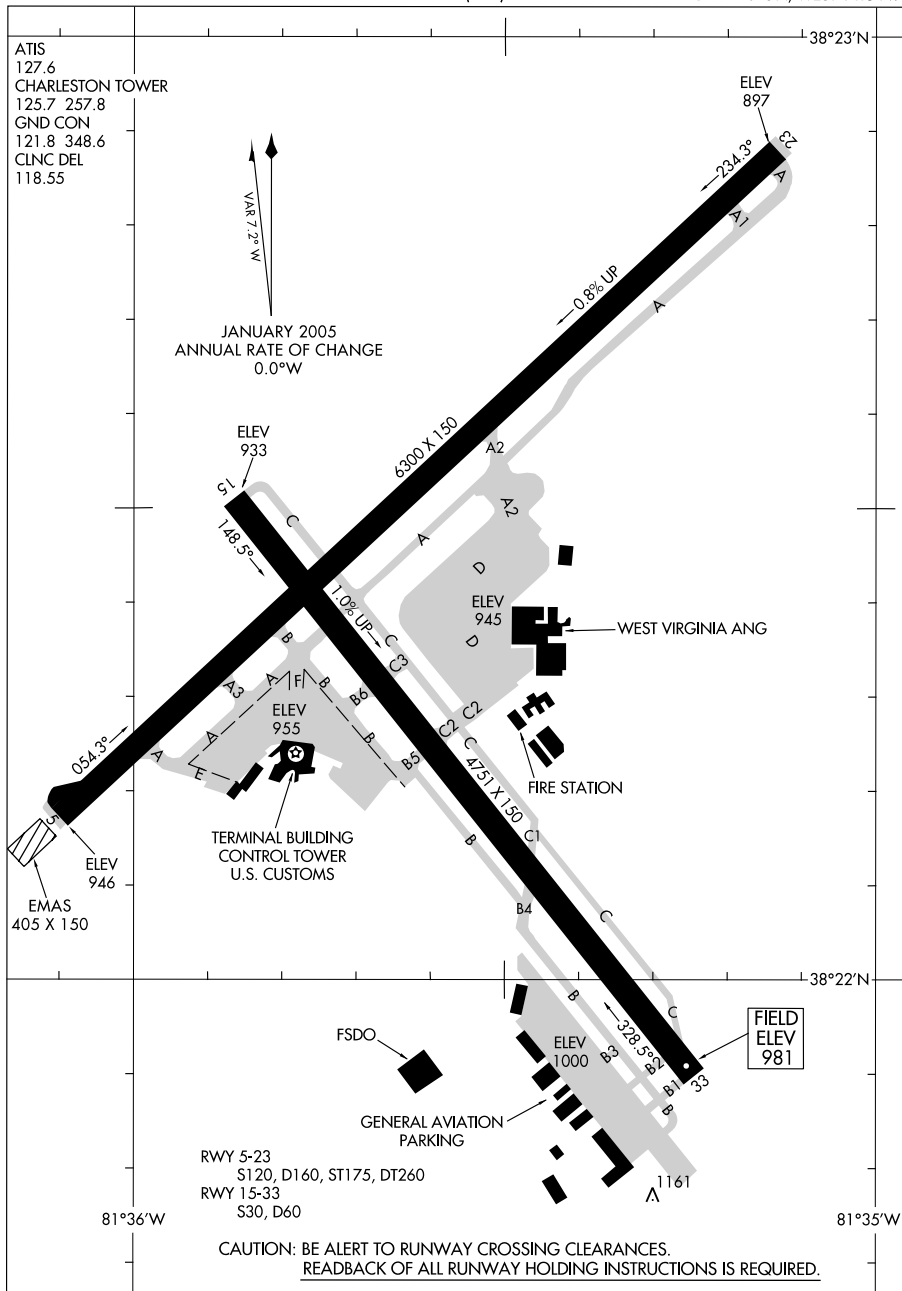
09183

AIRPORT DIAGRAM

AL-852 (FAA)

CHARLESTON/ YEAGER (CRW)

CHARLESTON, WEST VIRGINIA



AIRPORT DIAGRAM

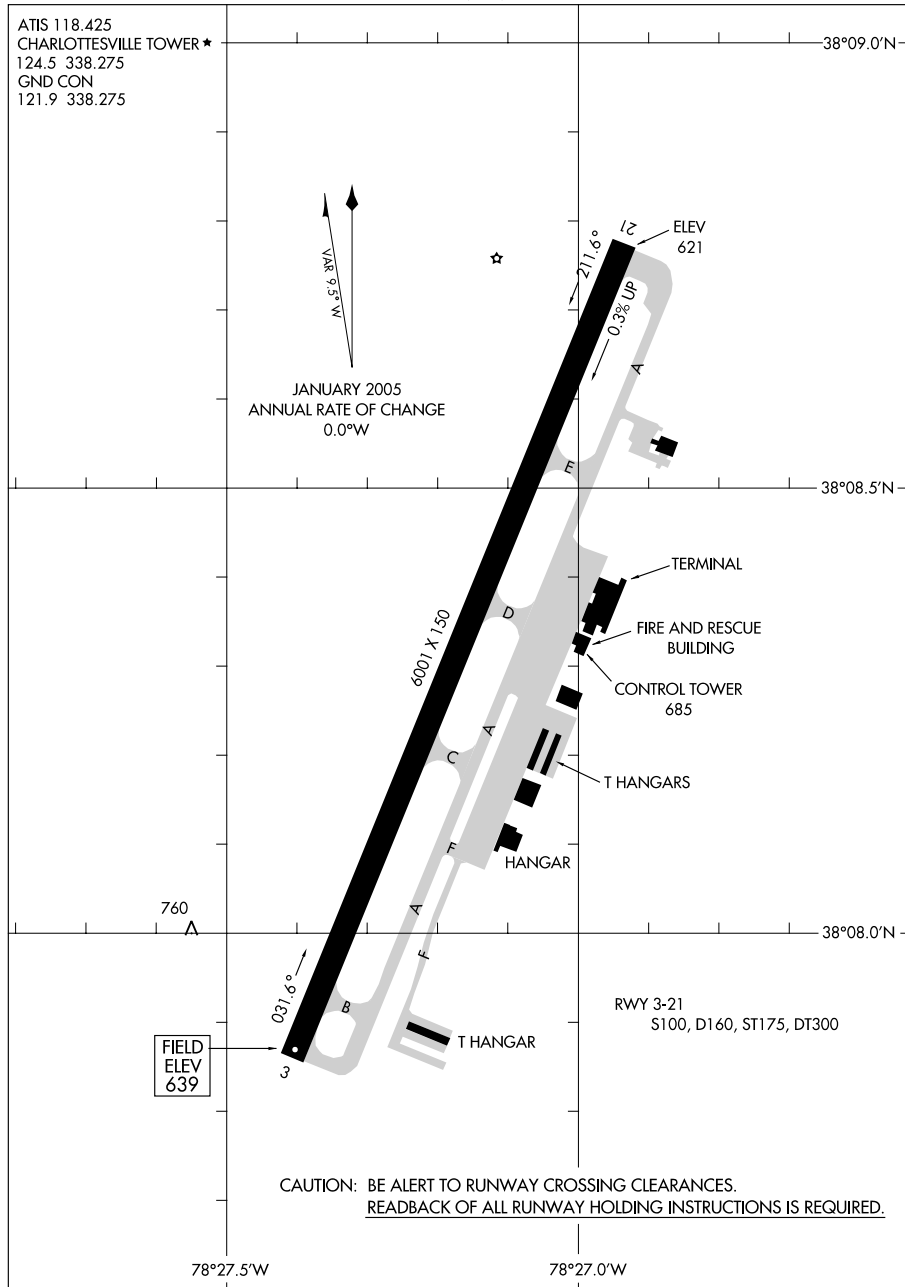
09183

CHARLESTON, WEST VIRGINIA
CHARLESTON/ YEAGER (CRW)

06327

AIRPORT DIAGRAM

AL-765 (FAA)

CHARLOTTESVILLE-ALBERMARLE (CHO)
CHARLOTTESVILLE, VIRGINIA

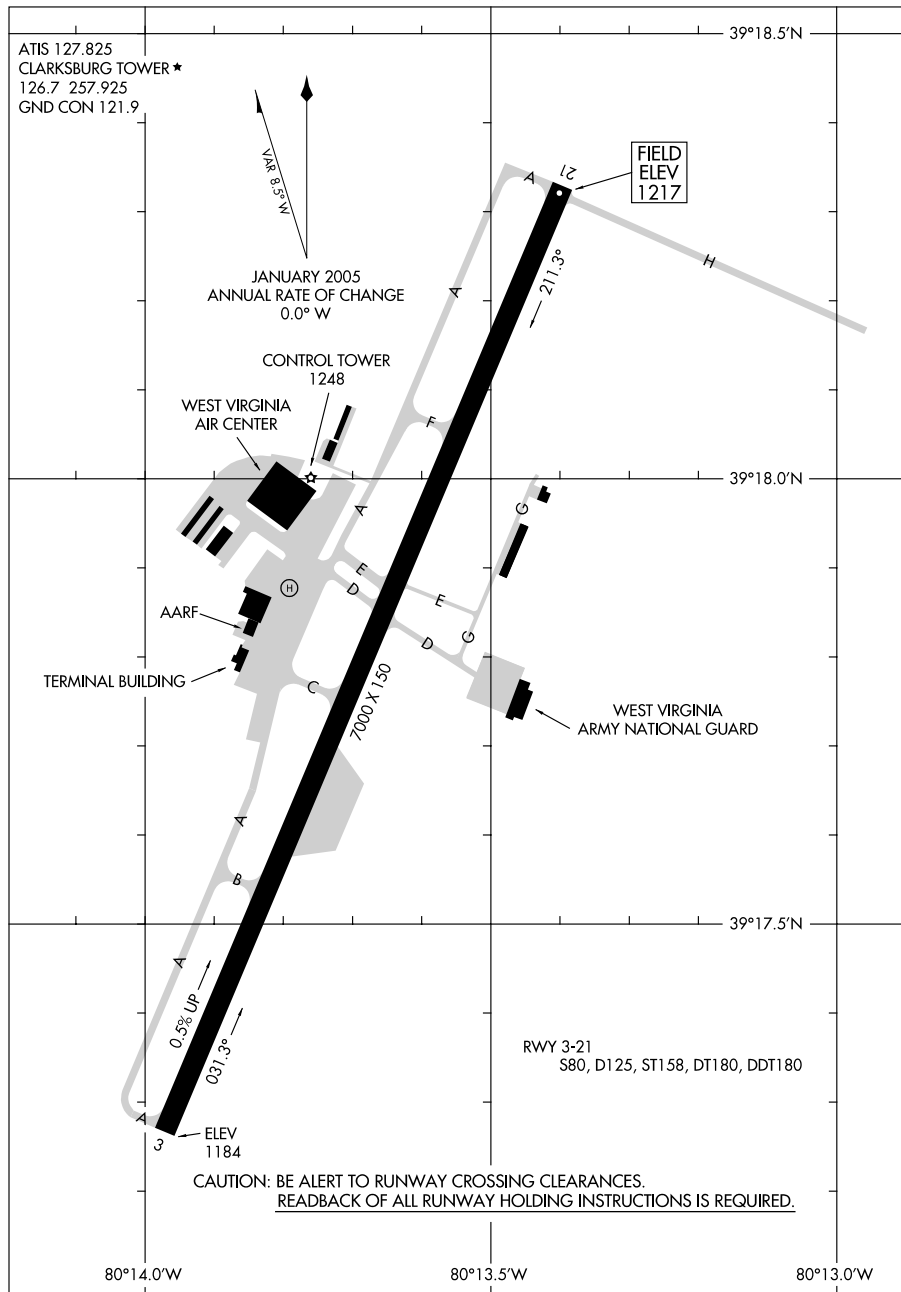
AIRPORT DIAGRAM

06327

CHARLOTTESVILLE, VIRGINIA
CHARLOTTESVILLE-ALBERMARLE (CHO)

07298

AIRPORT DIAGRAM

CLARKSBURG / NORTH CENTRAL WEST VIRGINIA (CKB)
AL-616 (FAA)
CLARKSBURG, WEST VIRGINIA

AIRPORT DIAGRAM

07298

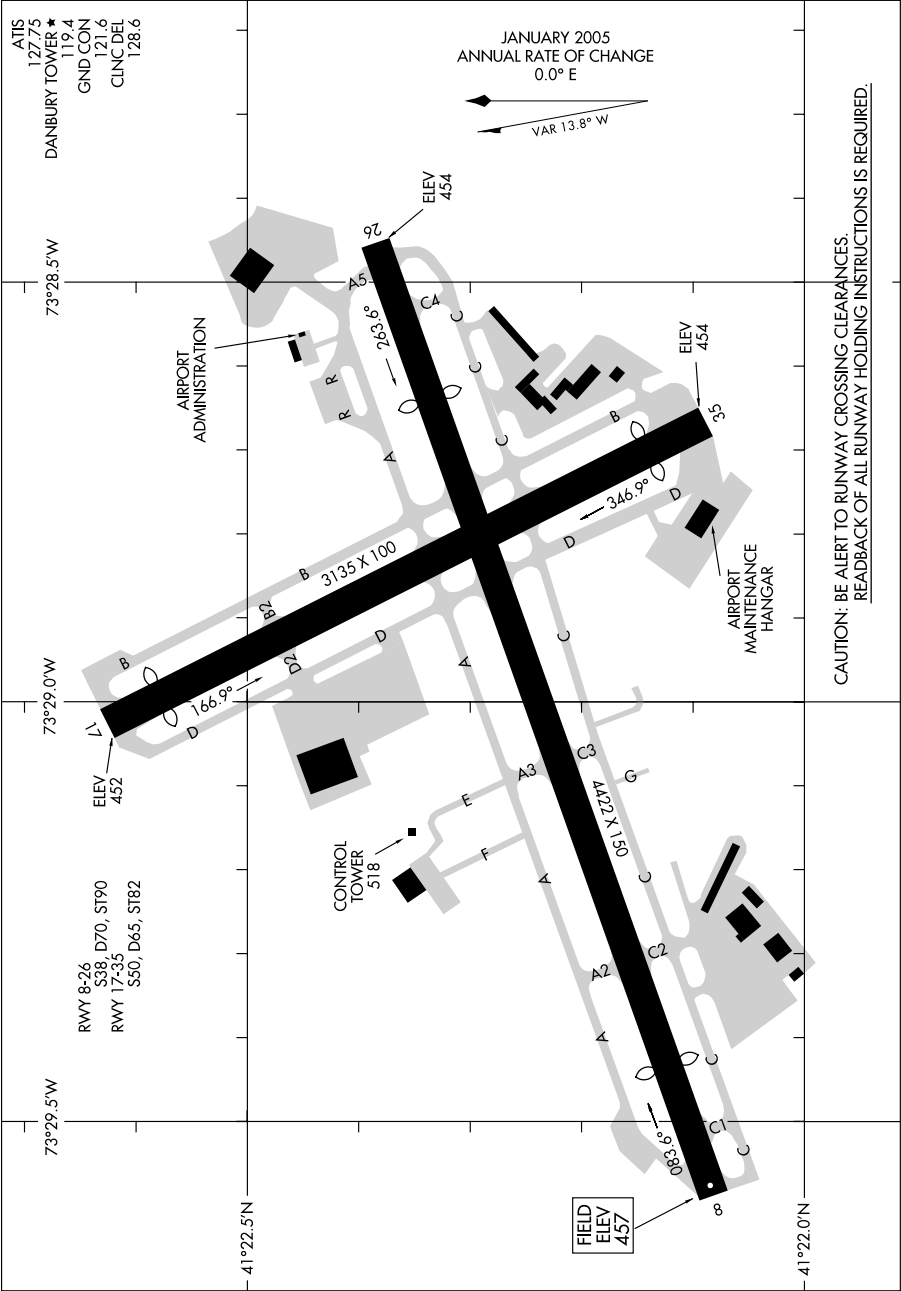
CLARKSBURG, WEST VIRGINIA
CLARKSBURG / NORTH CENTRAL WEST VIRGINIA (CKB)

09183

AIRPORT DIAGRAM

AL-5272 (FAA)

DANBURY MUNI (DXR)
DANBURY, CONNECTICUT



AIRPORT DIAGRAM

09183

DANBURY, CONNECTICUT
DANBURY MUNI (DXR)

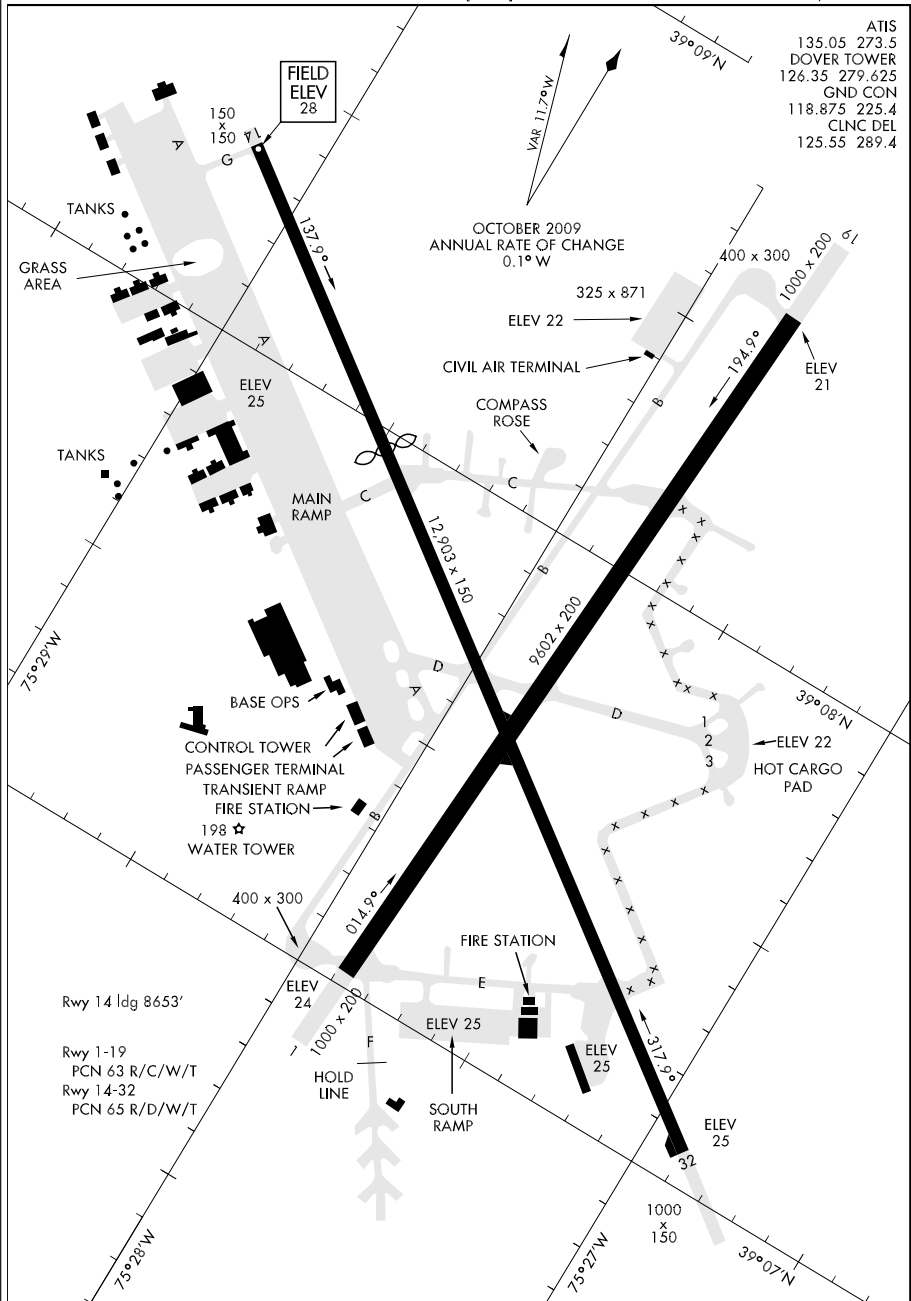
09295

AIRPORT DIAGRAM

AFD-562 [USAF]

DOVER AFB (KDOV)

DOVER, DELAWARE



AIRPORT DIAGRAM

DOVER, DELAWARE

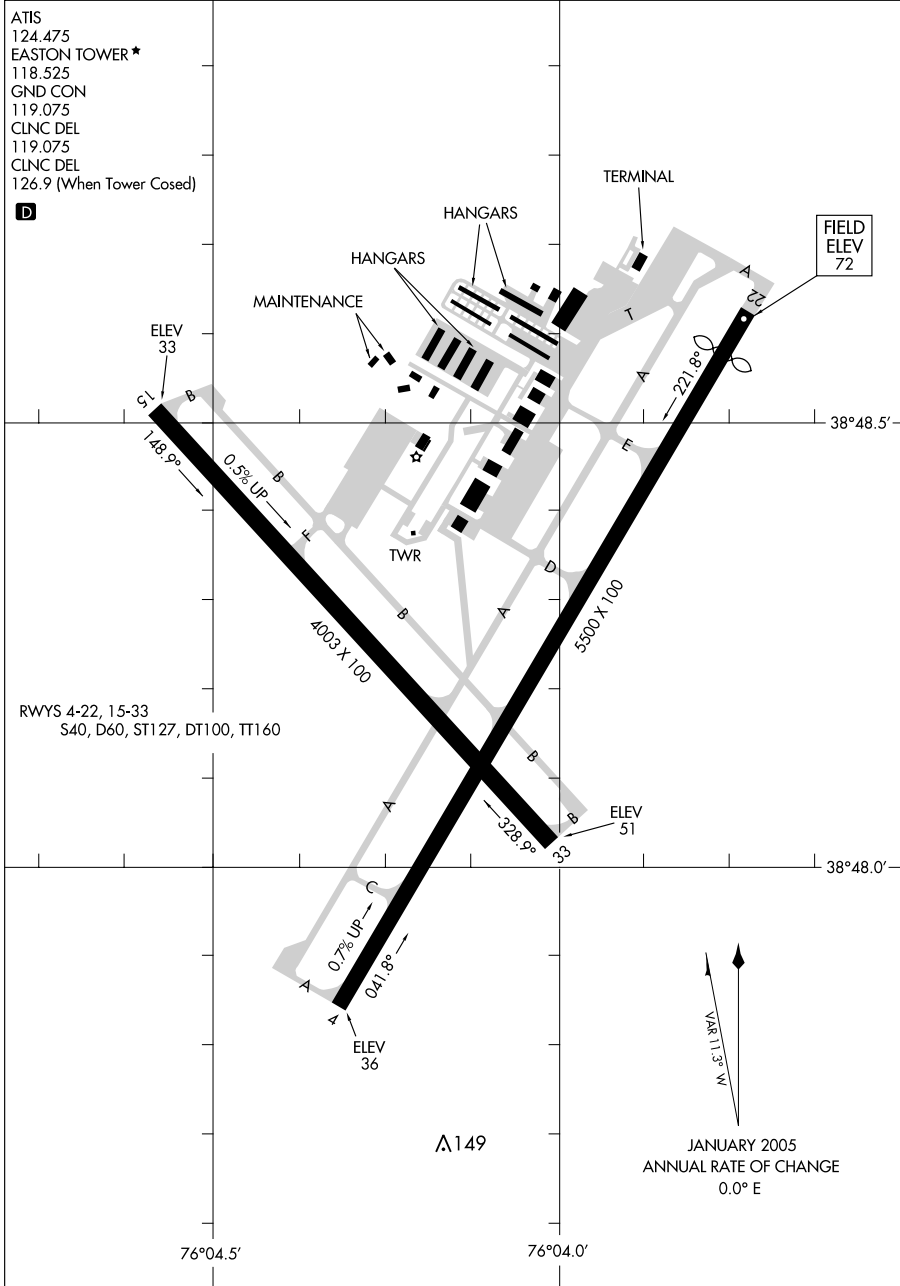
DOVER AFB (KDOV)

NE, 22 OCT 2009 to 17 DEC 2009

09127

AIRPORT DIAGRAM

AL-5596 (FAA)

EASTON/NEWNAM FIELD (ESN)
EASTON, MARYLAND

AIRPORT DIAGRAM

09127

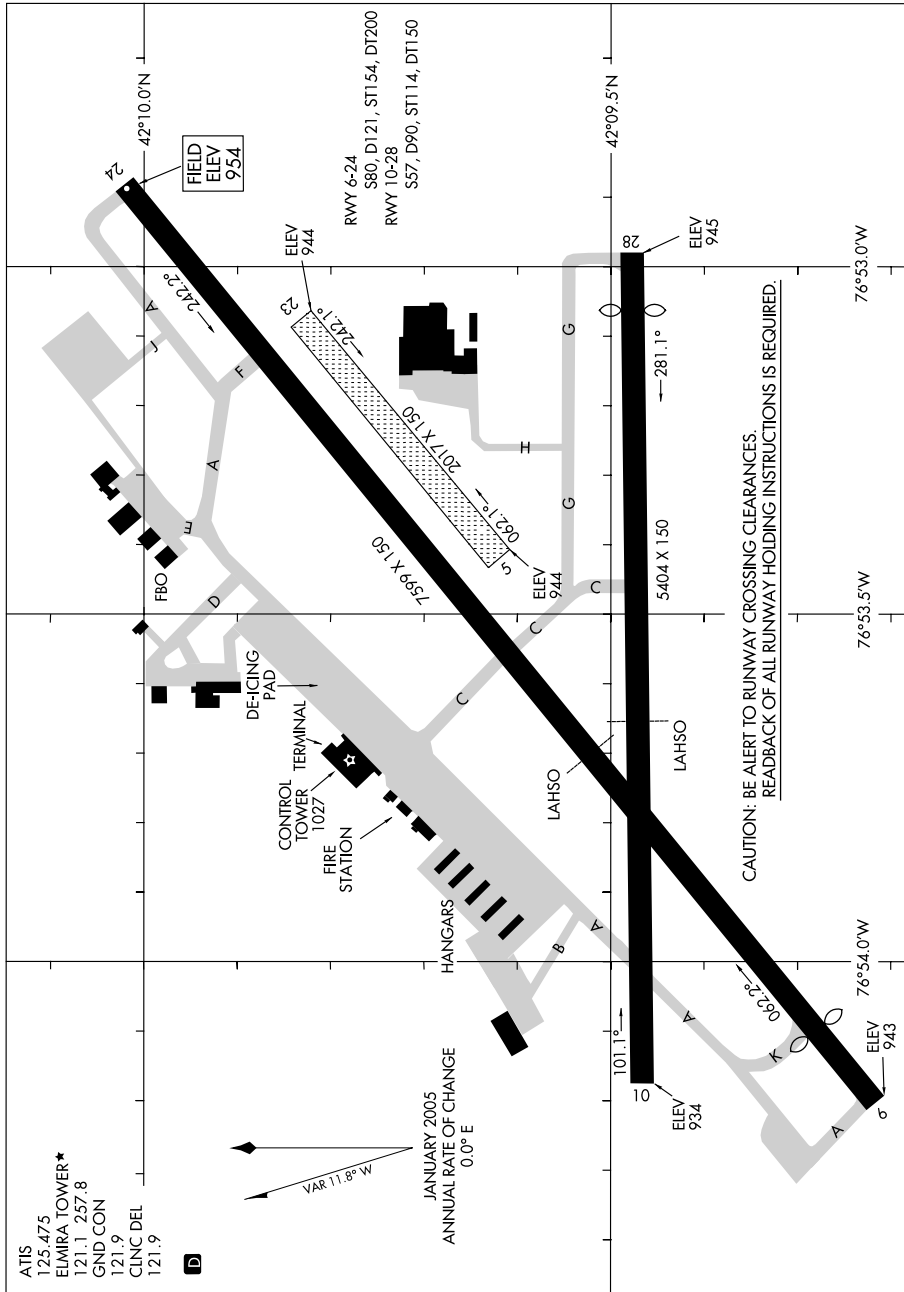
EASTON, MARYLAND
EASTON/NEWNAM FIELD (ESN)

09127

AIRPORT DIAGRAM

AL-131 (FAA)

ELMIRA/CORNING RGNL (E.L.M)
ELMIRA, NEW YORK



AIRPORT DIAGRAM

09127

ELMIRA, NEW YORK
ELMIRA/CORNING RGNL (E.L.M)

ERIE INTL/TOM RIDGE FIELD (ERI)
ERIE, PENNSYLVANIA

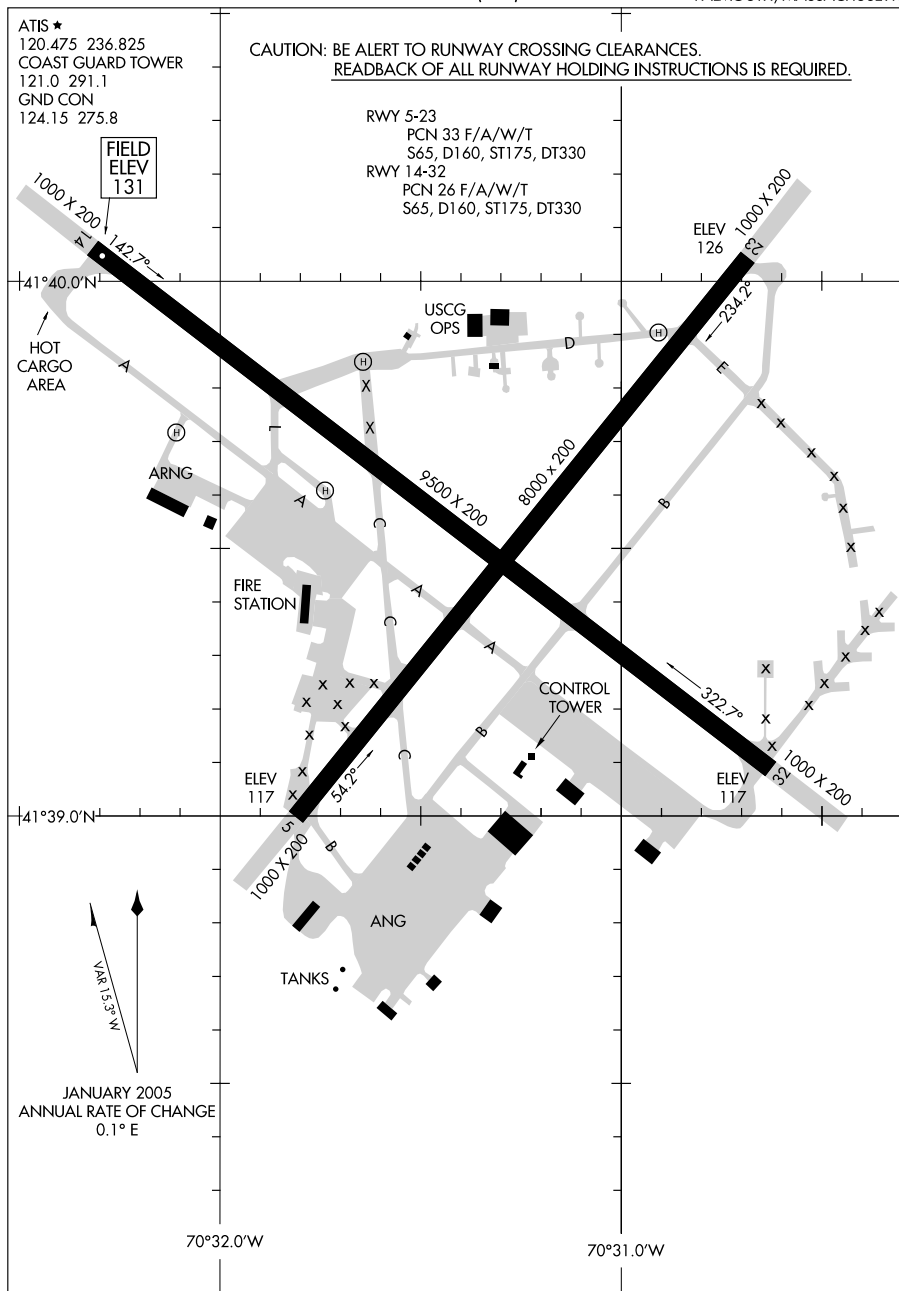


NE, 22 OCT 2009 to 17 DEC 2009

09183

AIRPORT DIAGRAM

FALMOUTH/CAPE COD COAST GUARD AIR STATION (F'MH)
AL-10362 (FAA) FALMOUTH, MASSACHUSETTS



AIRPORT DIAGRAM

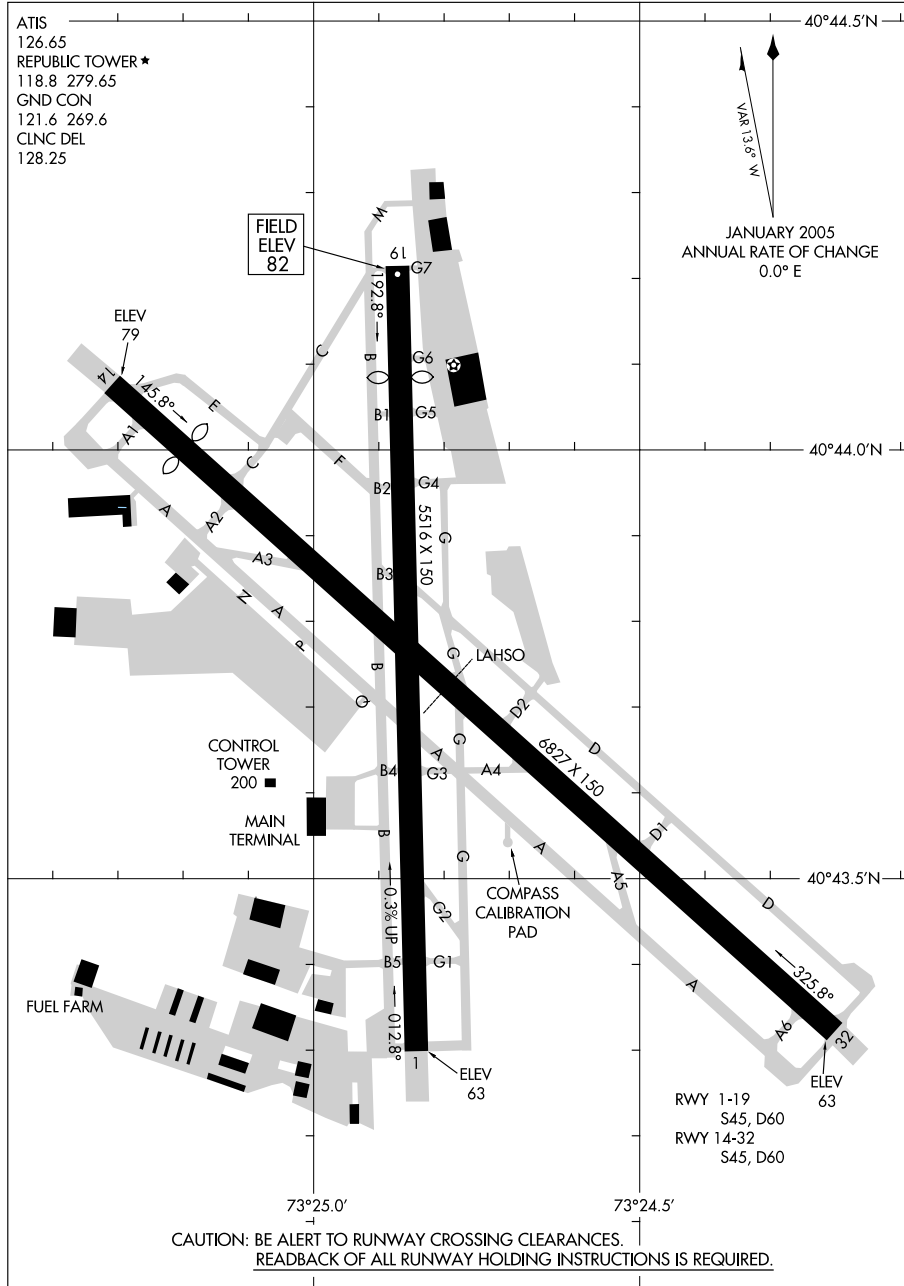
FALMOUTH, MASSACHUSETTS
FALMOUTH/CAPE COD COAST GUARD AIR STATION (F'MH)

09183

09015

AIRPORT DIAGRAM

AL-704 (FAA)

FARMINGDALE / REPUBLIC (F.R.G.)
FARMINGDALE, NEW YORK

AIRPORT DIAGRAM

09015

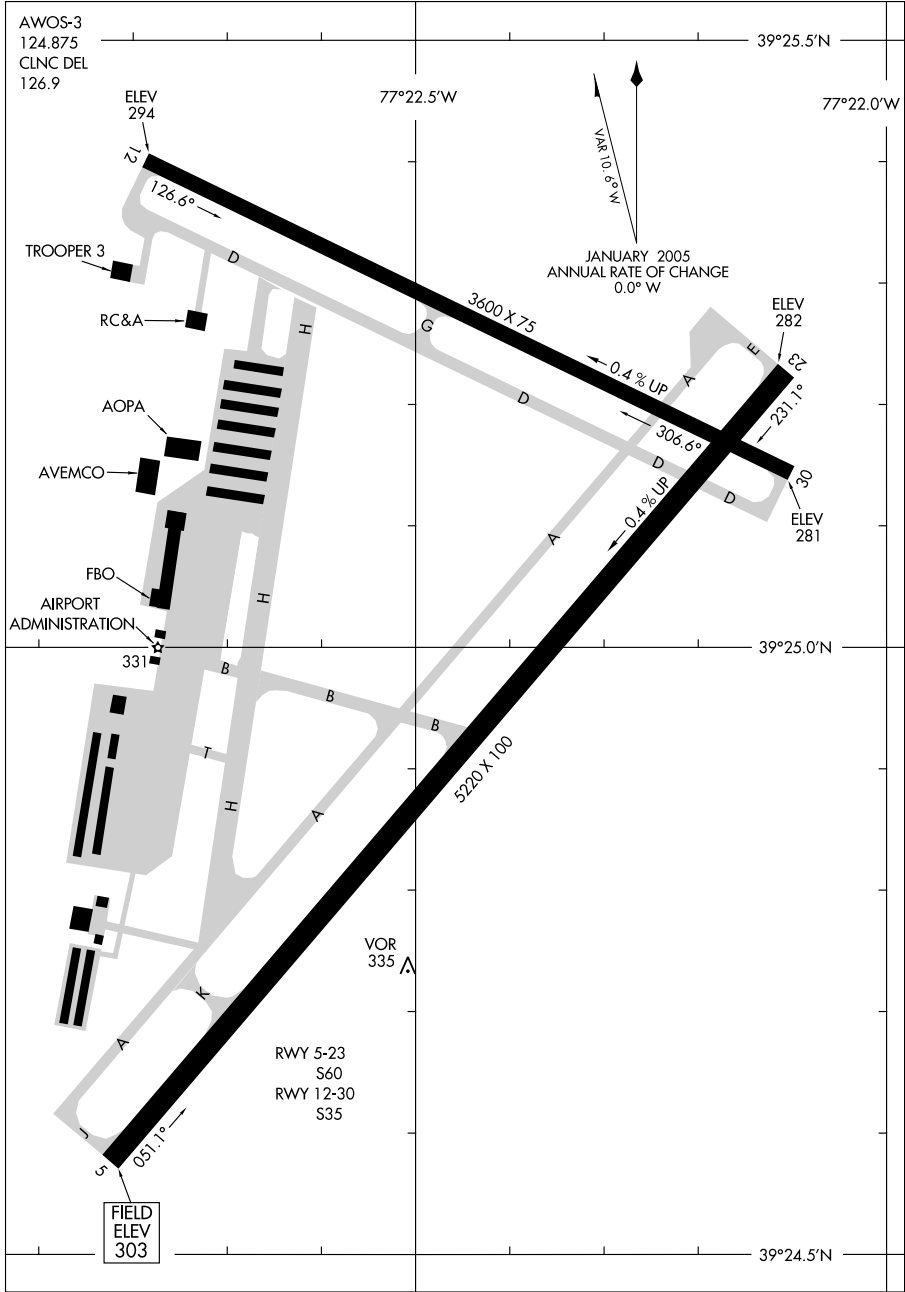
FARMINGDALE, NEW YORK
FARMINGDALE / REPUBLIC (F.R.G.)

07354

AIRPORT DIAGRAM

AL-5089 (FAA)

FREDERICK MUNI (FDK)
FREDERICK, MARYLAND



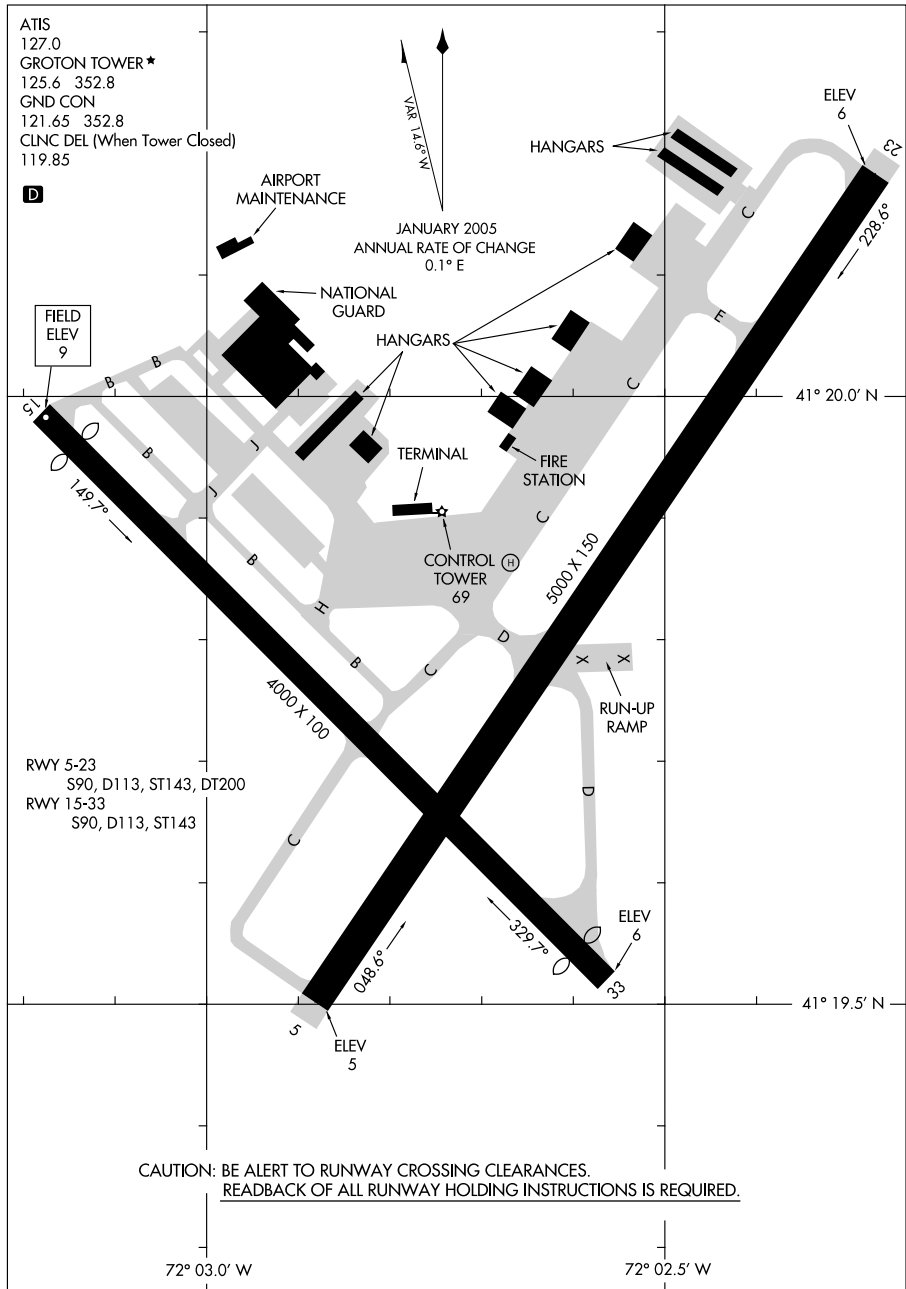
AIRPORT DIAGRAM

FREDERICK, MARYLAND
FREDERICK MUNI (FDK)

07354

09071

AIRPORT DIAGRAM

GROTON-NEW LONDON (GON)
GROTON (NEW LONDON), CONNECTICUT

AIRPORT DIAGRAM

GROTON (NEW LONDON), CONNECTICUT
GROTON-NEW LONDON (GON)

09071

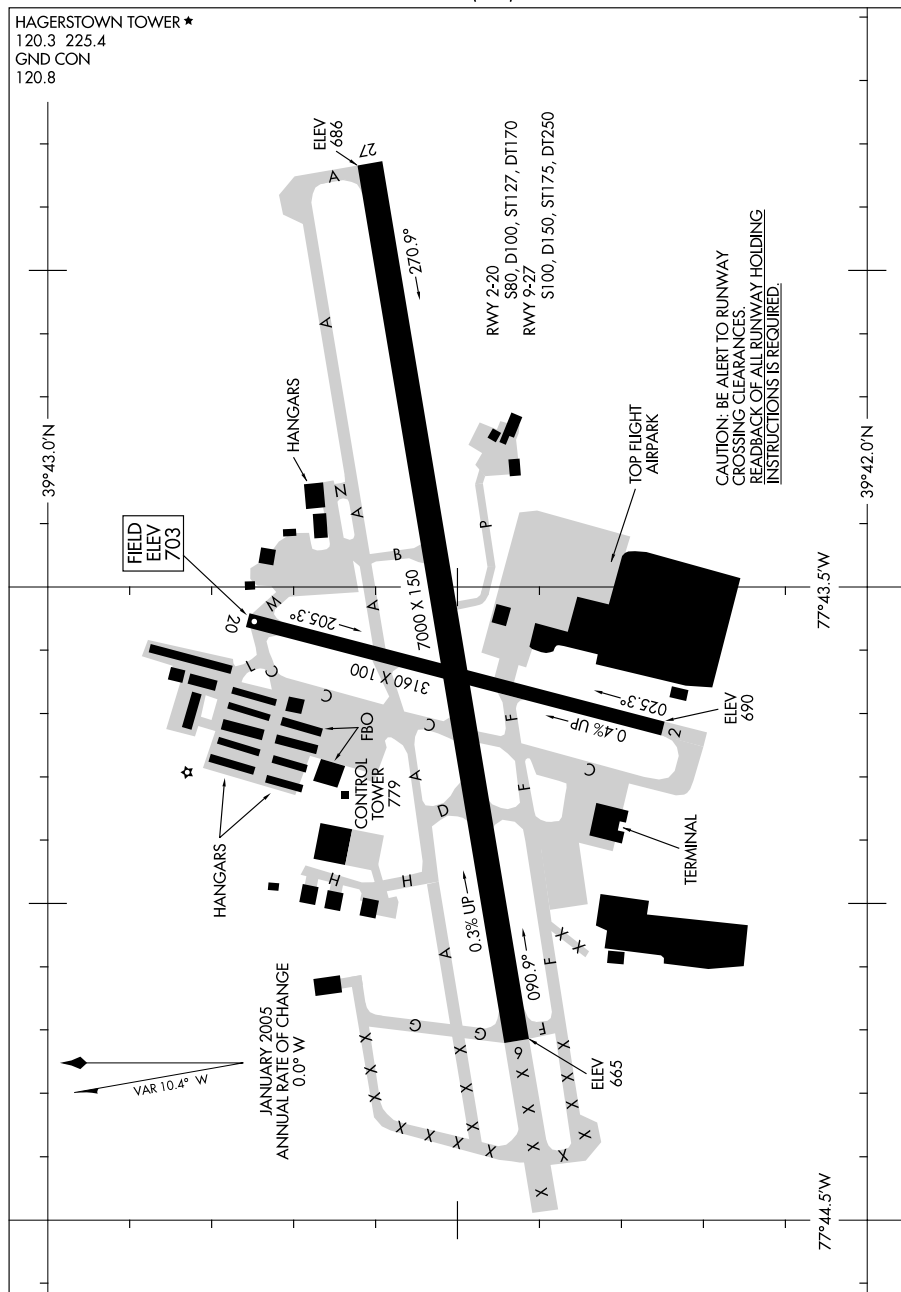
09015

AIRPORT DIAGRAM

HAGERSTOWN RGNL-RICHARD A HENSON FIELD (HGR)
AL-5114 (FAA)

HAGERSTOWN, MARYLAND

HAGERSTOWN TOWER ★
120.3 225.4
GND CON
120.8



AIRPORT DIAGRAM

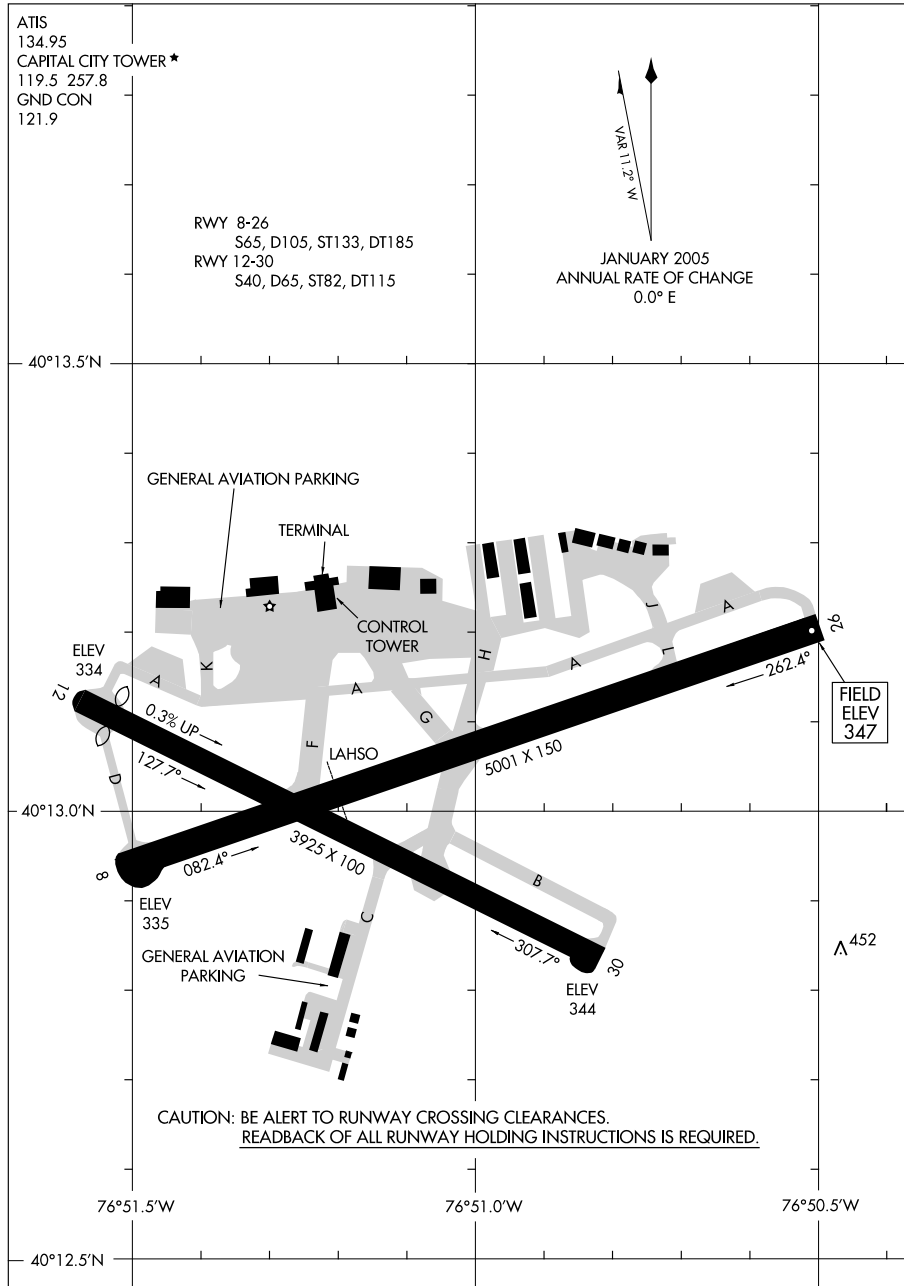
09015

HAGERSTOWN, MARYLAND
HAGERSTOWN RGNL-RICHARD A HENSON FIELD (HGR)

09015

AIRPORT DIAGRAM

AL-187 (FAA)

HARRISBURG / CAPITAL CITY (CXY)
HARRISBURG, PENNSYLVANIA

AIRPORT DIAGRAM

09015

HARRISBURG, PENNSYLVANIA
HARRISBURG / CAPITAL CITY (CXY)

09127

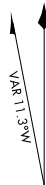
AIRPORT DIAGRAM

AL-188 (FAA)

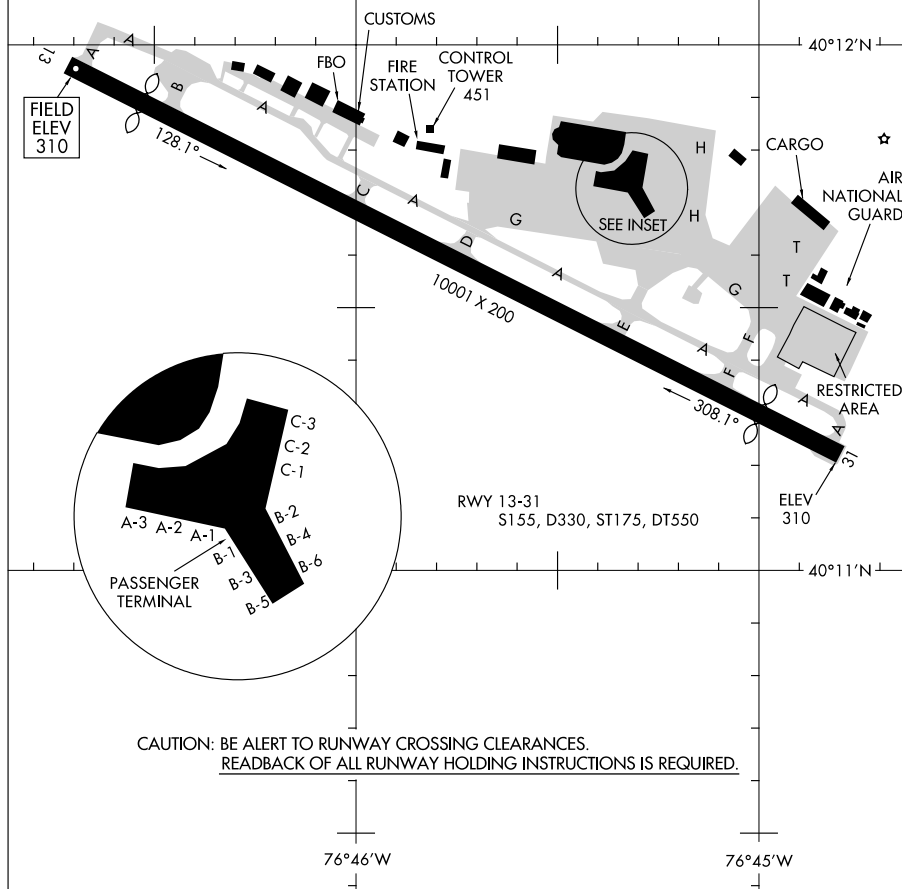
HARRISBURG INTL (MDT)
HARRISBURG, PENNSYLVANIA

ATIS
118.8
HARRISBURG INTL TOWER
124.8 269.35
GND CON
121.7 348.6

D



JANUARY 2005
ANNUAL RATE OF CHANGE
0.0°E



AIRPORT DIAGRAM

09127

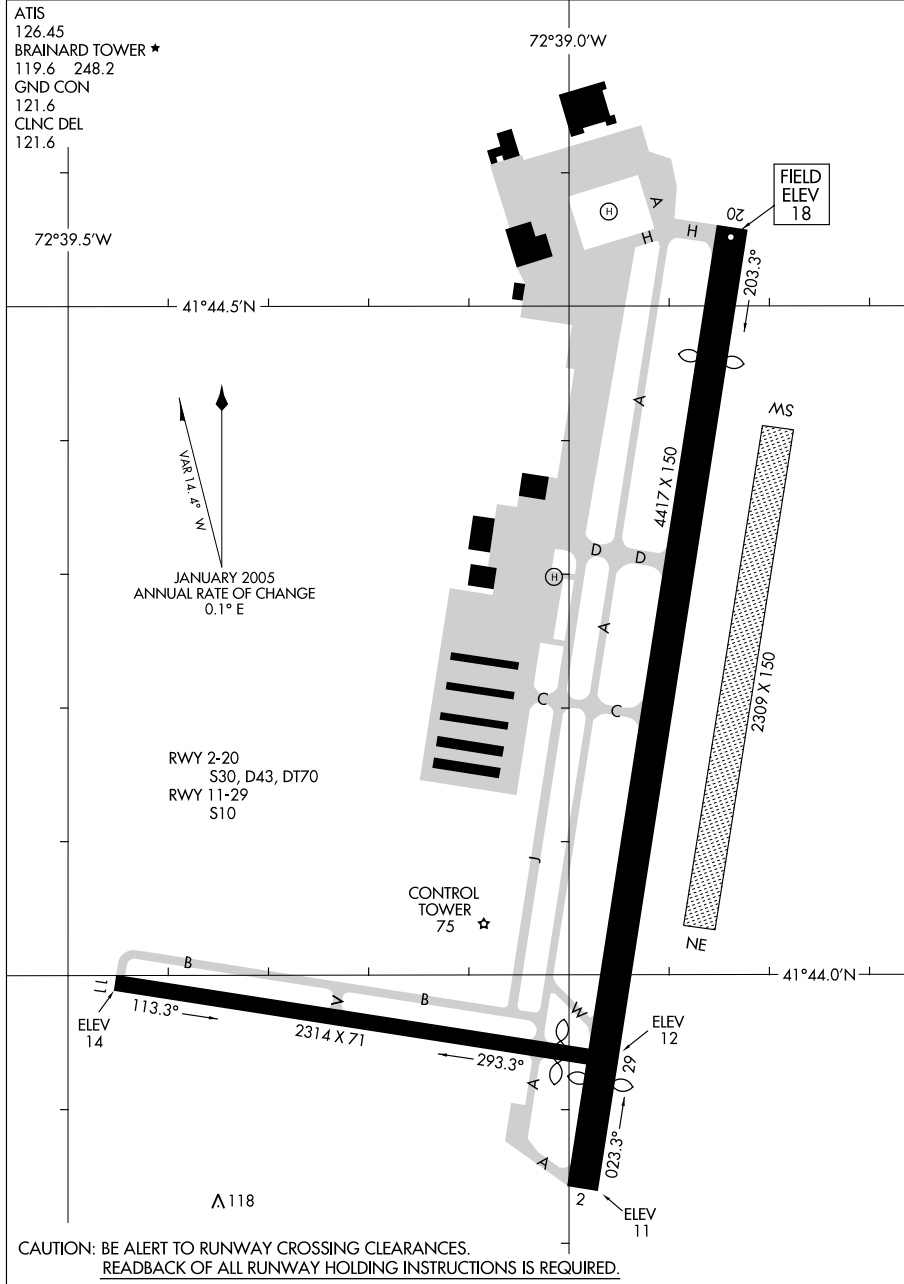
HARRISBURG, PENNSYLVANIA
HARRISBURG INTL (MDT)

09015

AIRPORT DIAGRAM

AL-189 (FAA)

HARTFORD-BRAINARD (HFD)
HARTFORD, CONNECTICUT



AIRPORT DIAGRAM

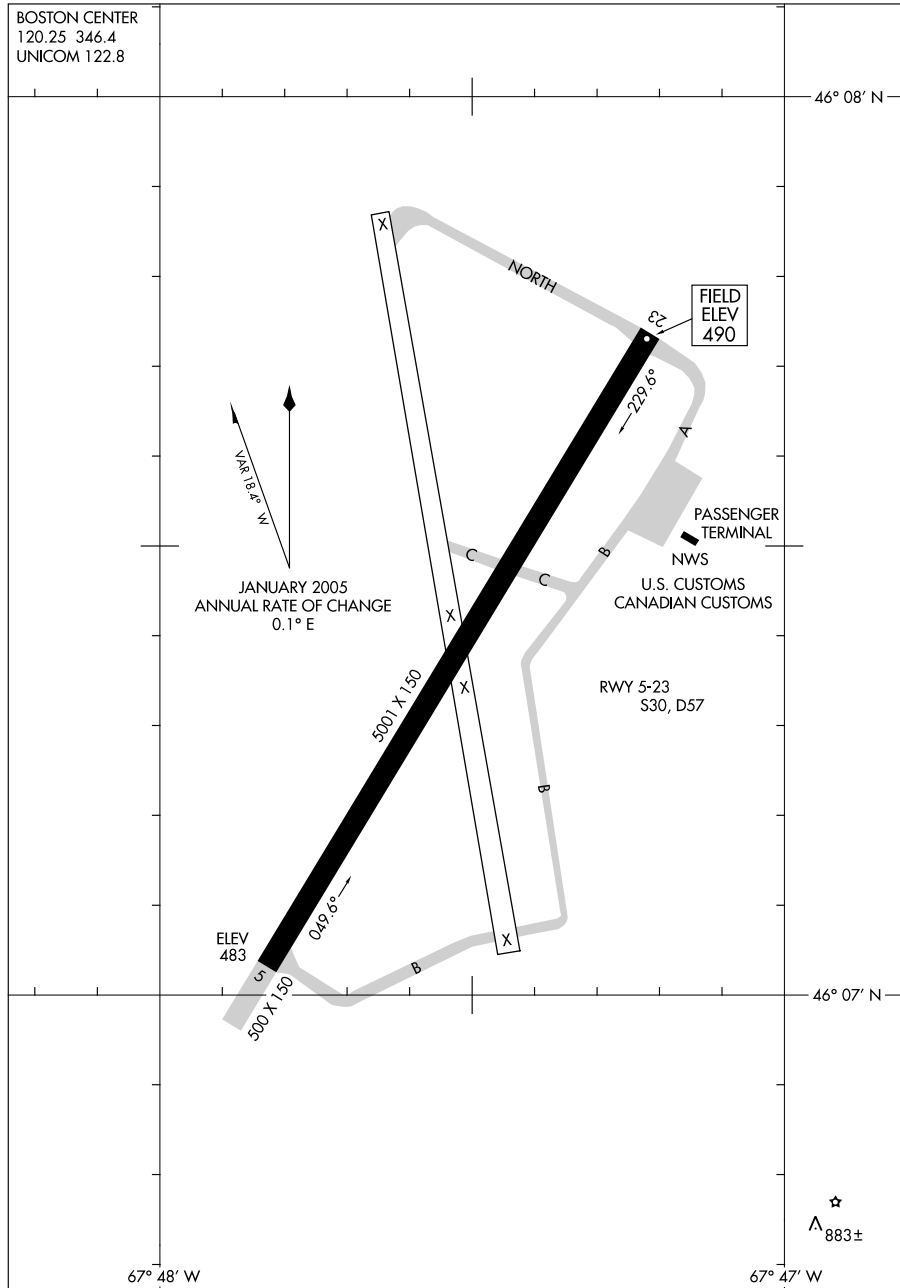
09015

HARTFORD, CONNECTICUT
HARTFORD-BRAINARD (HFD)

07018

AIRPORT DIAGRAM

AL-196 (FAA)

HOULTON INTL (HUL)
HOULTON, MAINE

AIRPORT DIAGRAM

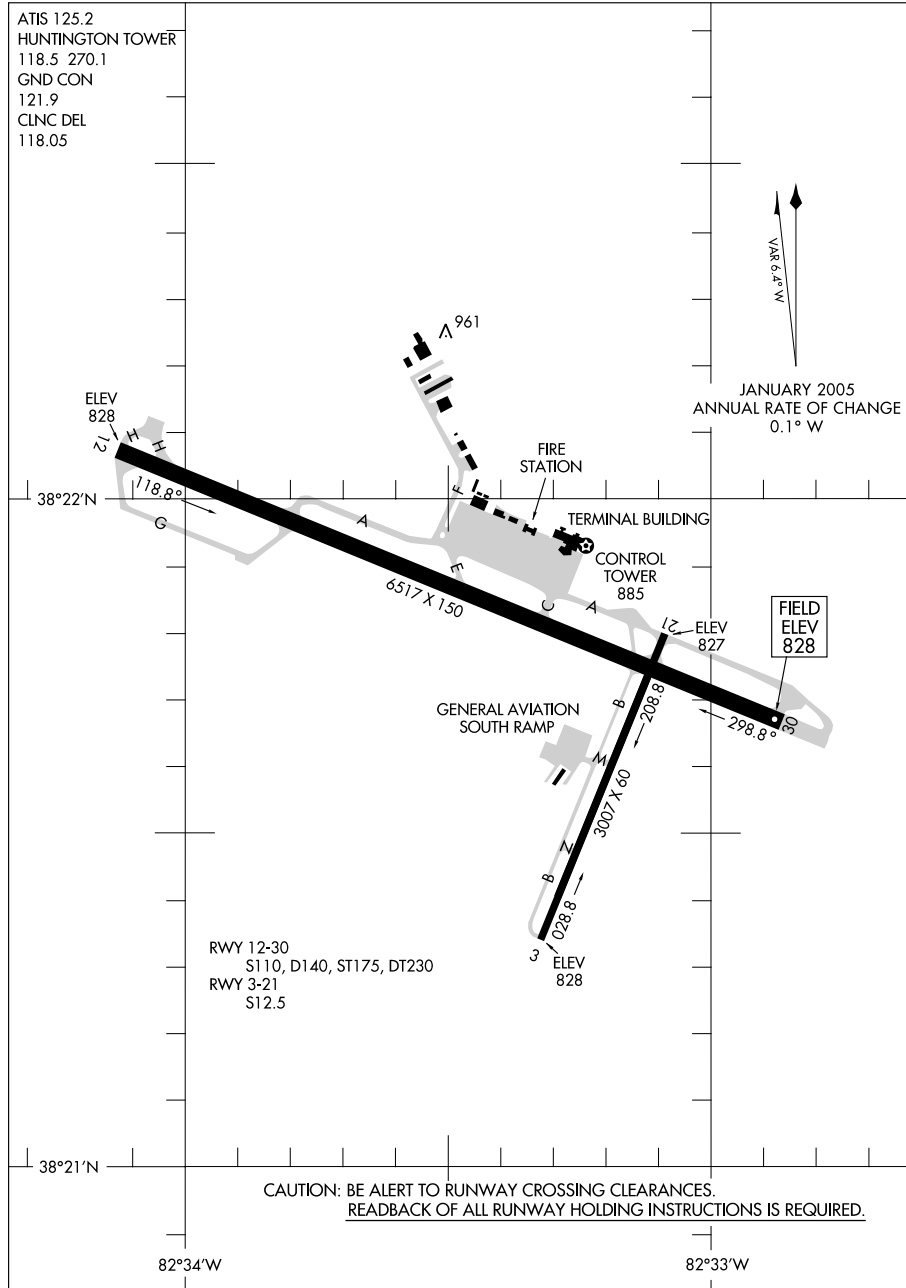
07018

HOULTON, MAINE
HOULTON INTL (HUL)

07074

AIRPORT DIAGRAM

HUNTINGTON/ TRI-STATE/ MILTON J. FERGUSON FIELD (HTS)
AL-532 (FAA)
HUNTINGTON, WEST VIRGINIA



AIRPORT DIAGRAM

07074

HUNTINGTON, WEST VIRGINIA
HUNTINGTON/ TRI-STATE/ MILTON J. FERGUSON FIELD (HTS)

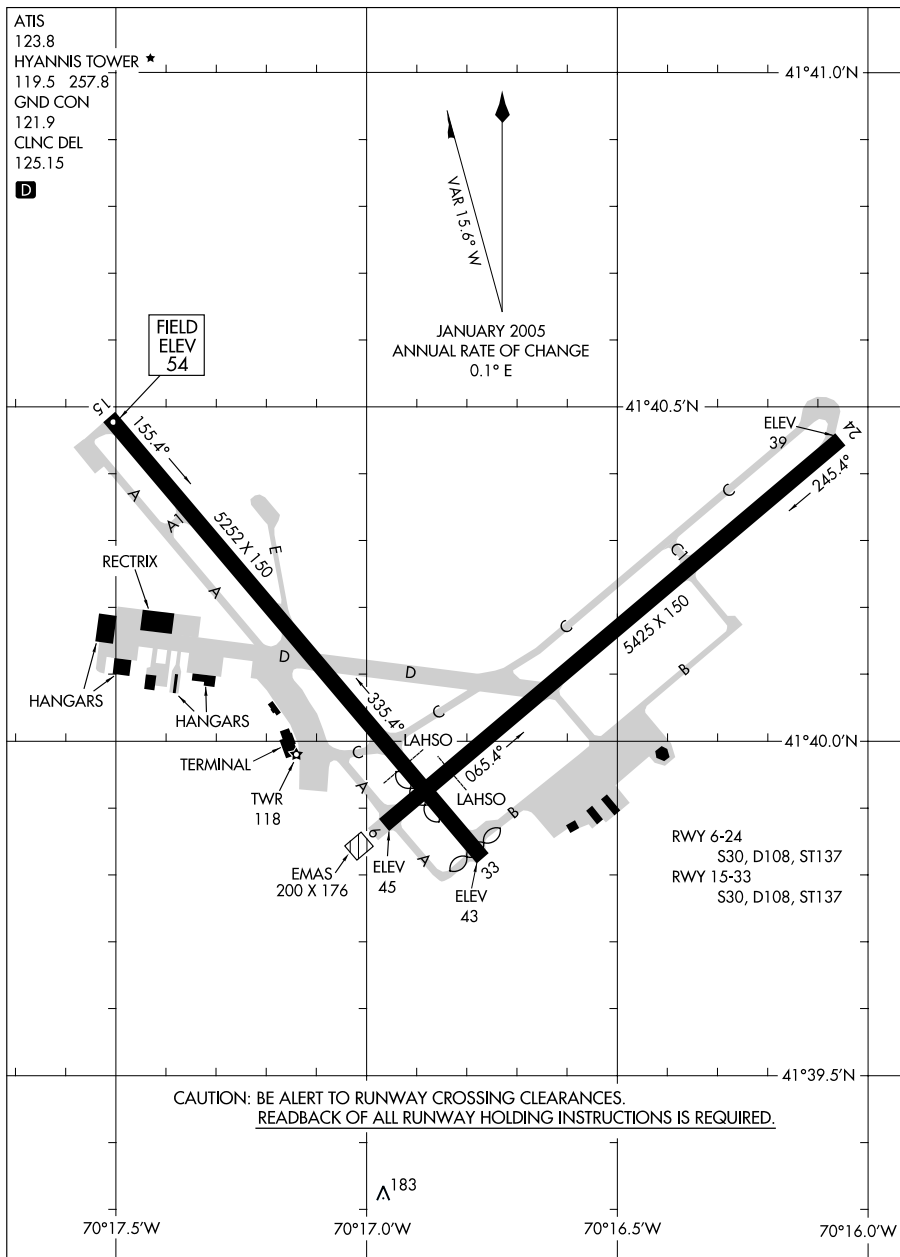
09239

HYANNIS/ BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD (HYA)

AIRPORT DIAGRAM

AL-675 (FAA)

HYANNIS, MASSACHUSETTS



AIRPORT DIAGRAM

09239

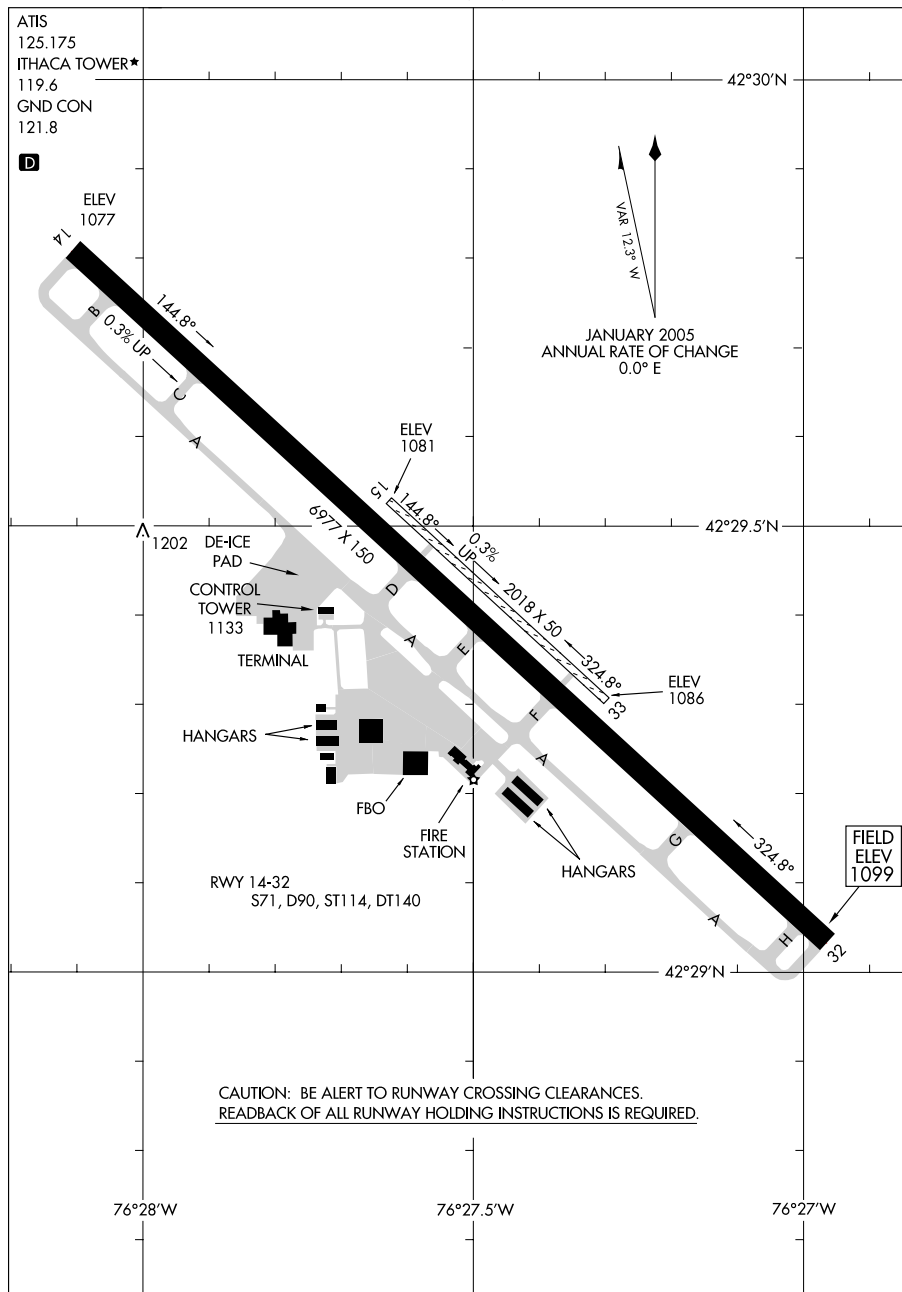
HYANNIS/ BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD (HYA)

HYANNIS, MASSACHUSETTS

09239

AIRPORT DIAGRAM

AL-779 (FAA)

ITHACA TOMPKINS RGNL (ITH)
ITHACA, NEW YORK

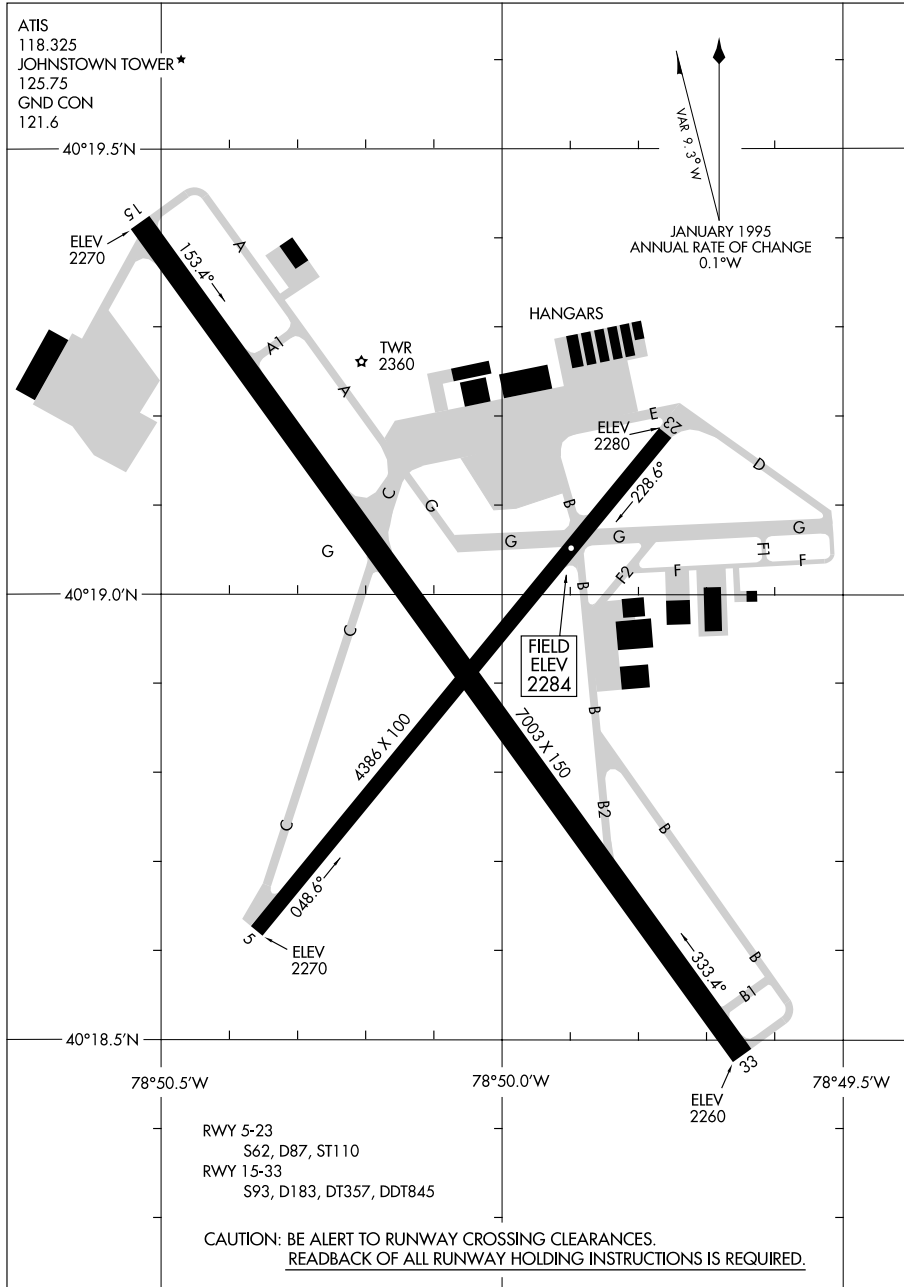
AIRPORT DIAGRAM

09239

ITHACA, NEW YORK
ITHACA TOMPKINS RGNL (ITH)

09127

AIRPORT DIAGRAM

JOHNSTOWN / JOHN MURTHA JOHNSTOWN-CAMBRIA COUNTY (JST)
AL-898 (FAA) JOHNSTOWN, PENNSYLVANIA

AIRPORT DIAGRAM

09127

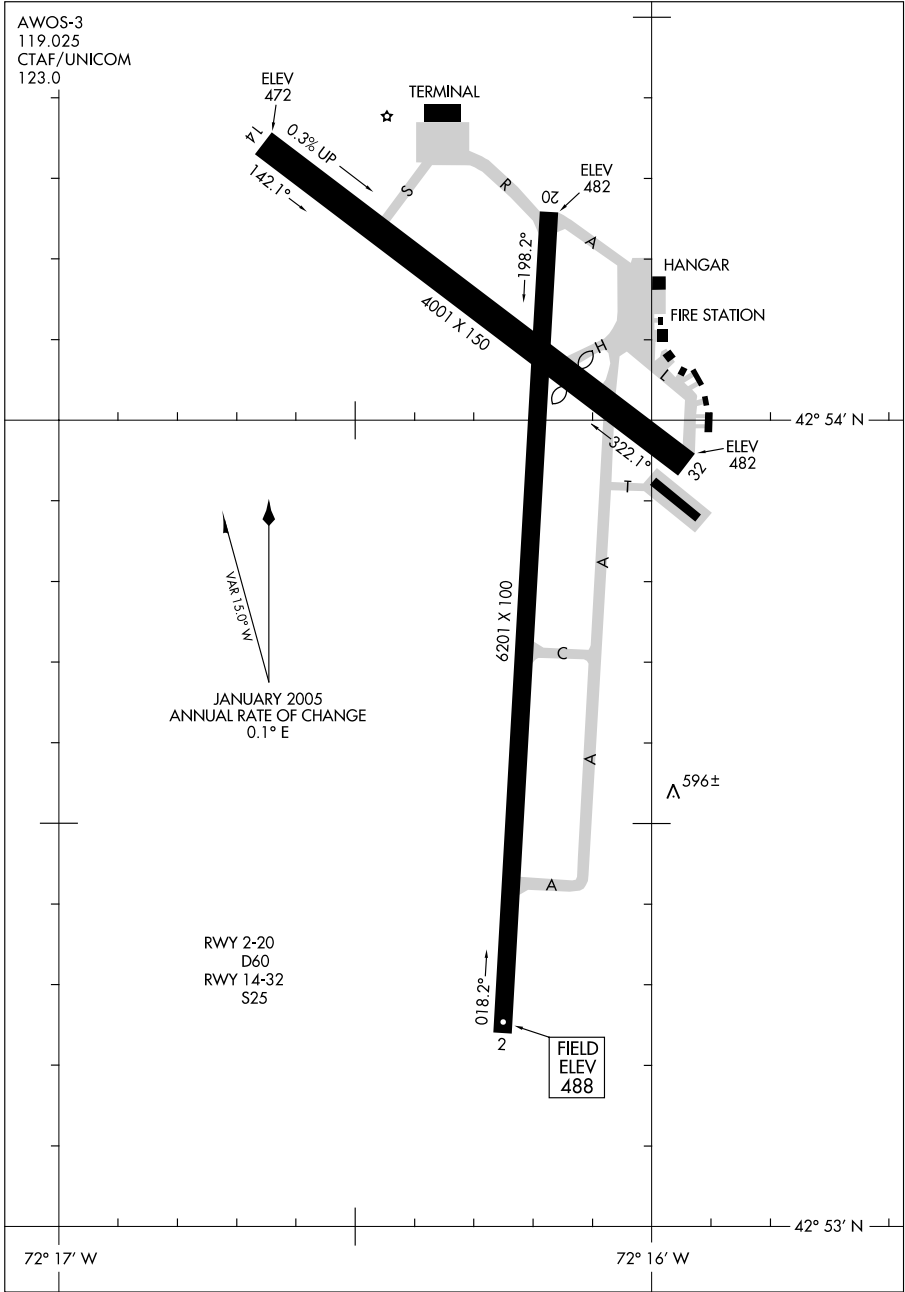
JOHNSTOWN / JOHN MURTHA JOHNSTOWN-CAMBRIA COUNTY (JST)
JOHNSTOWN, PENNSYLVANIA

09071

AIRPORT DIAGRAM

AL-868 (FAA)

KEENE / DILLANT-HOPKINS (EEN)
KEENE, NEW HAMPSHIRE



AIRPORT DIAGRAM

09071

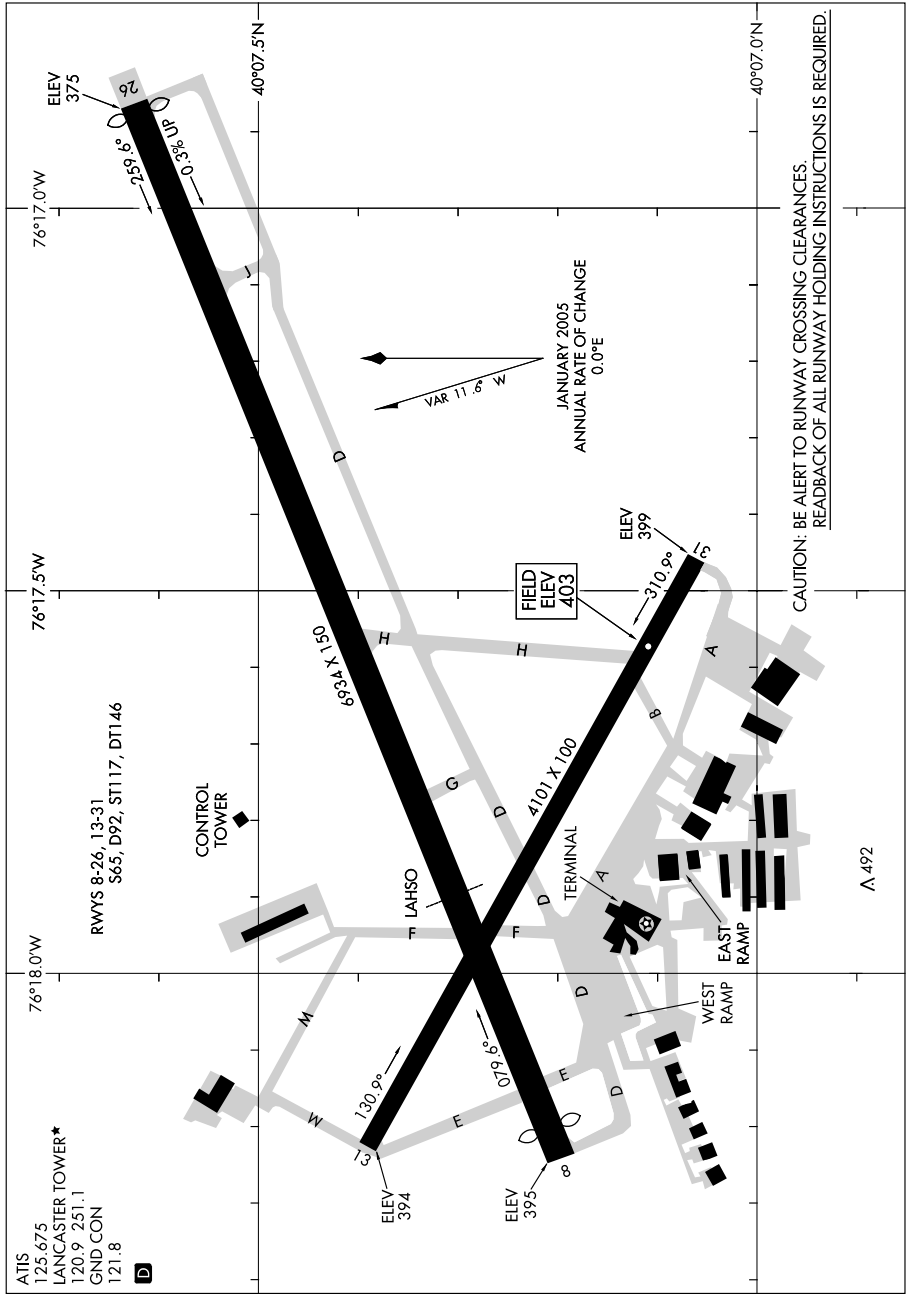
KEENE, NEW HAMPSHIRE
KEENE / DILLANT-HOPKINS (EEN)

09239

AIRPORT DIAGRAM

AL-927 (FAA)

LANCASTER (LNS)
LANCASTER, PENNSYLVANIA



AIRPORT DIAGRAM

LANCASTER, PENNSYLVANIA
LANCASTER (LNS)

09239

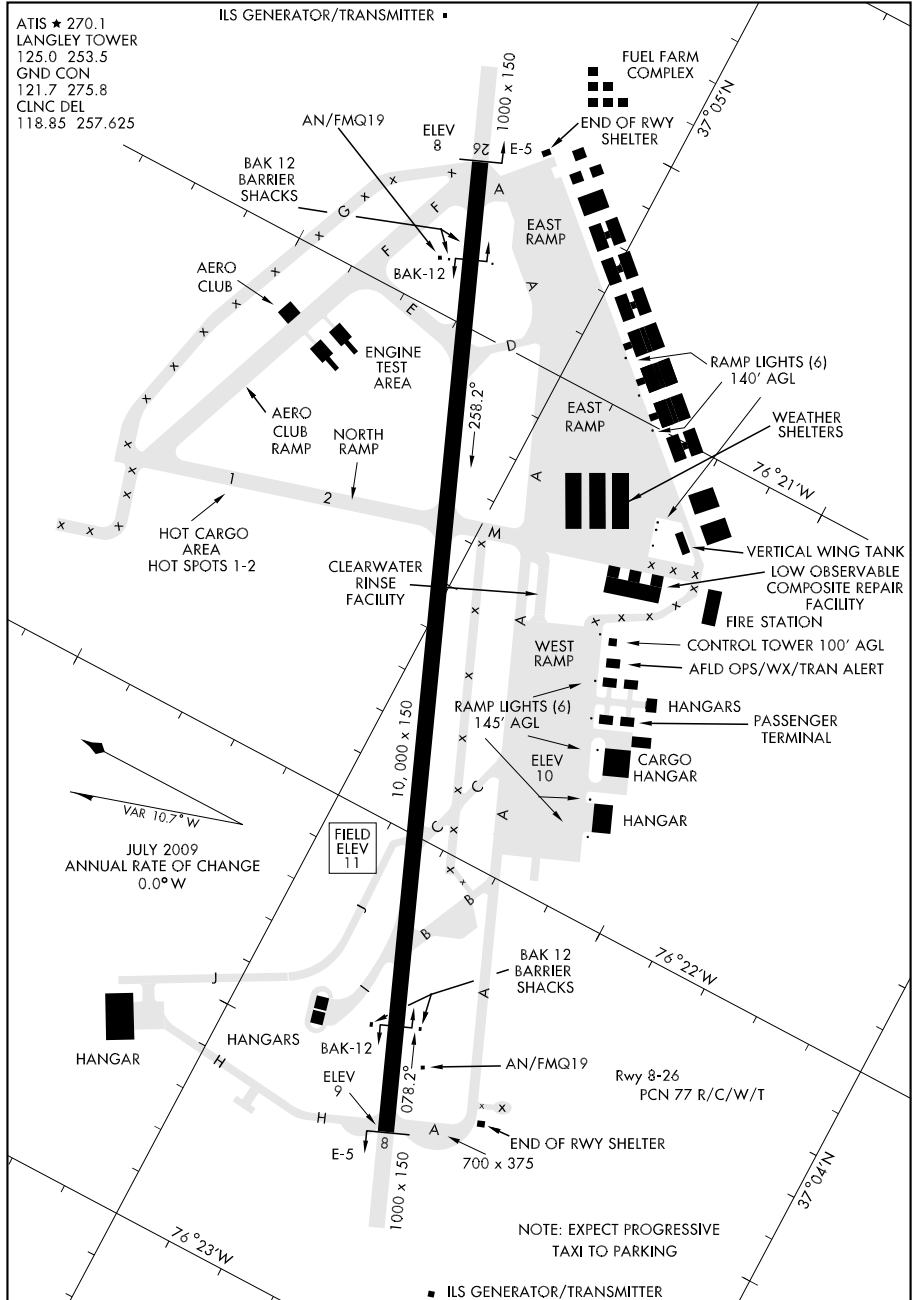
09183

AIRPORT DIAGRAM

AFD-185 [USAF]

LANGLEY AFB (KLF1)

HAMPTON, VIRGINIA



AIRPORT DIAGRAM

WGS DATUM

HAMPTON, VIRGINIA

LANGLEY AFB (KLF1)

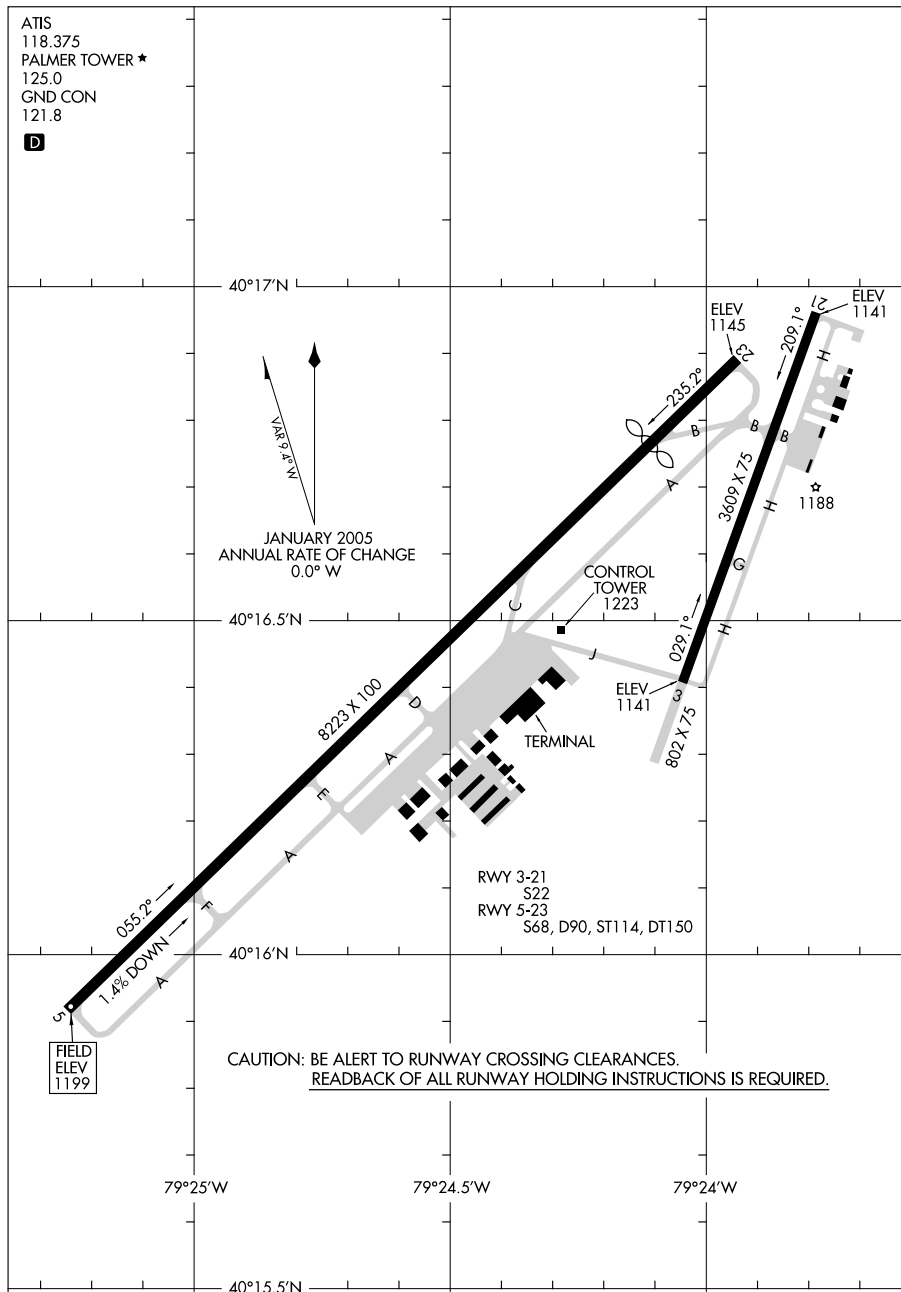
09015

AIRPORT DIAGRAM

AL-5125 (FAA)

LATROBE/ARNOLD PALMER RGNL (LBE)

LATROBE, PENNSYLVANIA



AIRPORT DIAGRAM

09015

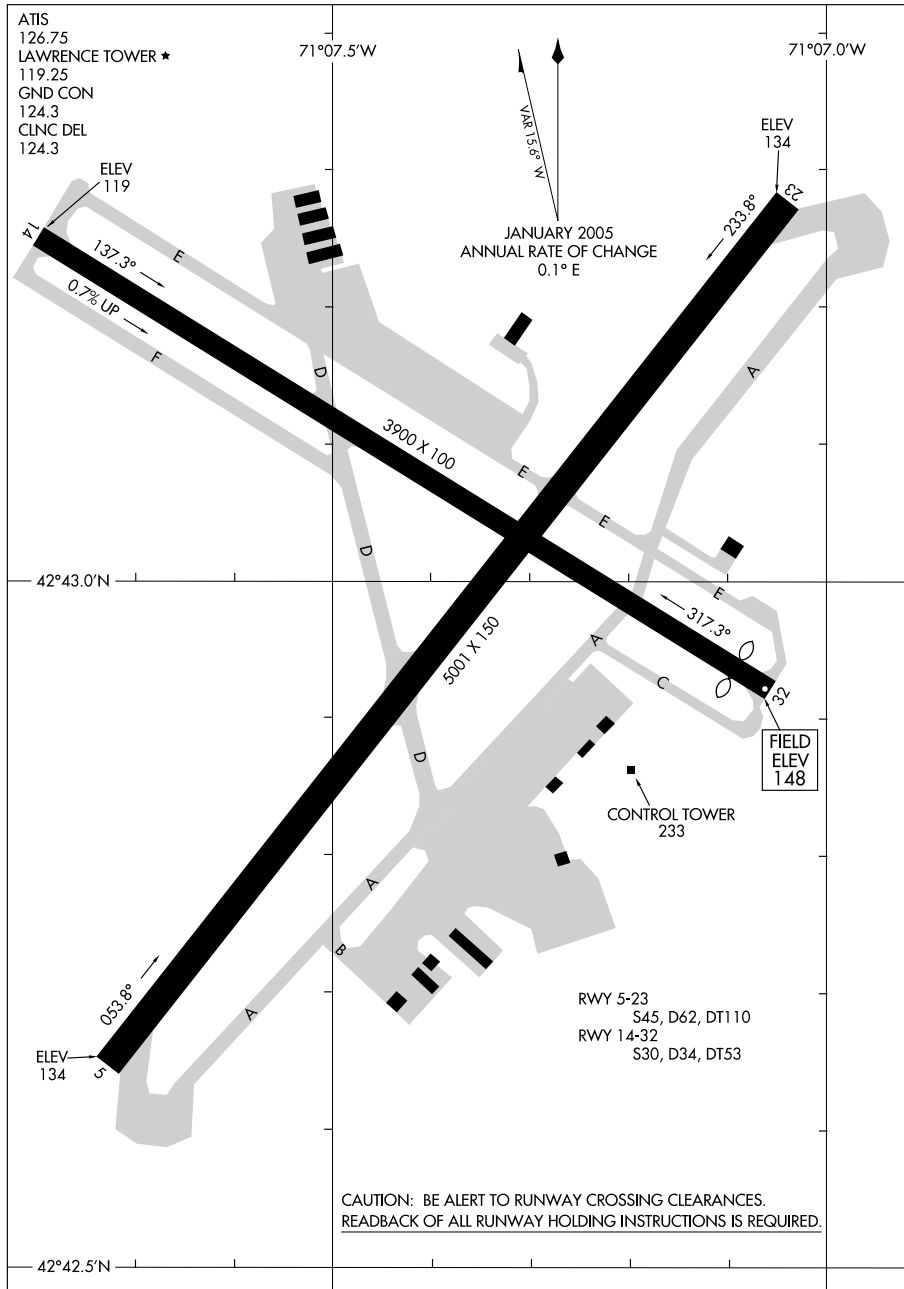
LATROBE, PENNSYLVANIA
LATROBE/ARNOLD PALMER RGNL (LBE)

09015

AIRPORT DIAGRAM

AL-654 (FAA)

LAWRENCE MUNI (LWM)
LAWRENCE, MASSACHUSETTS



AIRPORT DIAGRAM

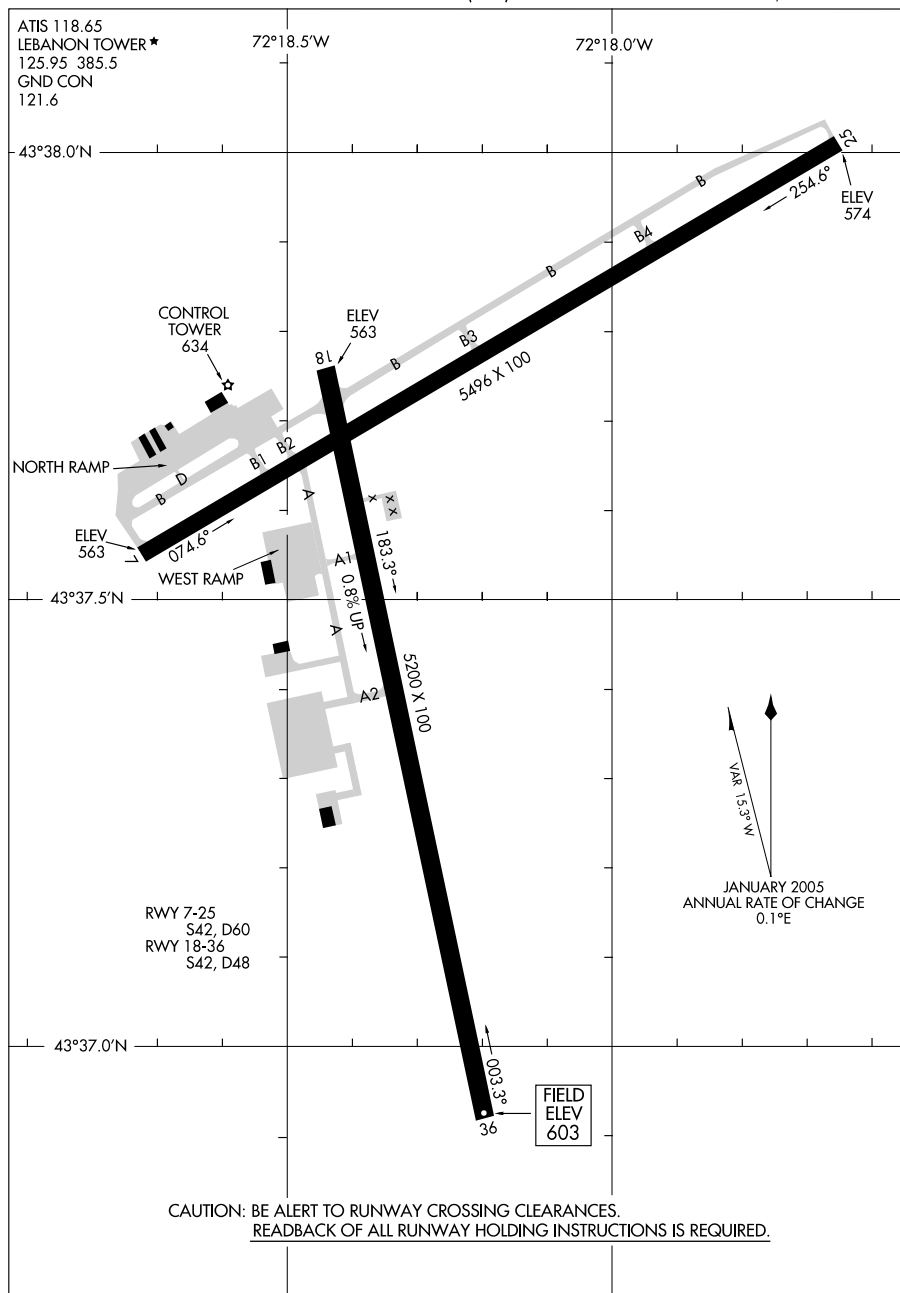
09015

LAWRENCE, MASSACHUSETTS
LAWRENCE MUNI (LWM)

08269

AIRPORT DIAGRAM

AL-859 (FAA)

LEBANON MUNI (LEB)
LEBANON, NEW HAMPSHIRE

AIRPORT DIAGRAM

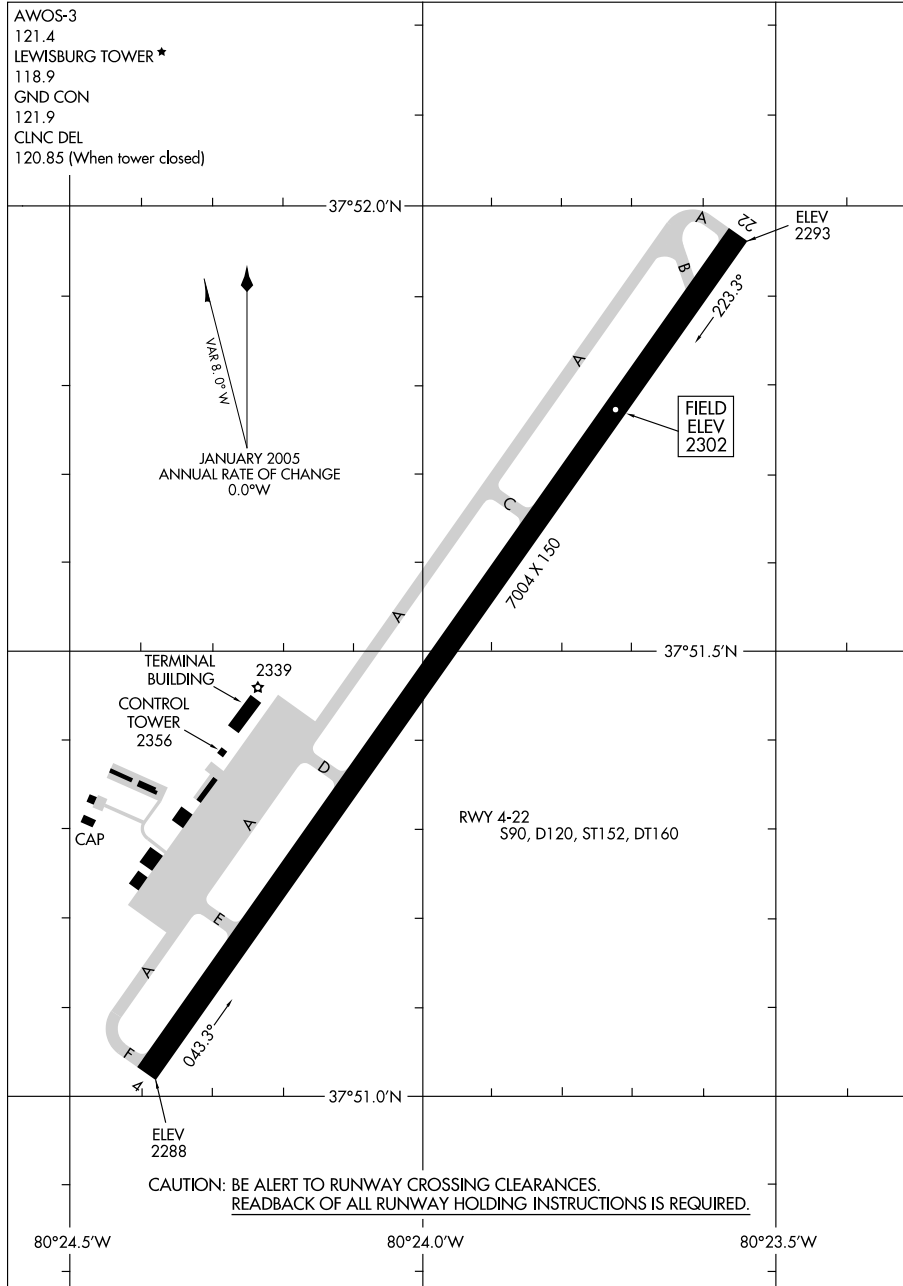
08269

LEBANON, NEW HAMPSHIRE
LEBANON MUNI (LEB)

06271

AIRPORT DIAGRAM

AL-5601 (FAA)

LEWISBURG/ GREENBRIER VALLEY (LWB)
LEWISBURG, WEST VIRGINIA

AIRPORT DIAGRAM

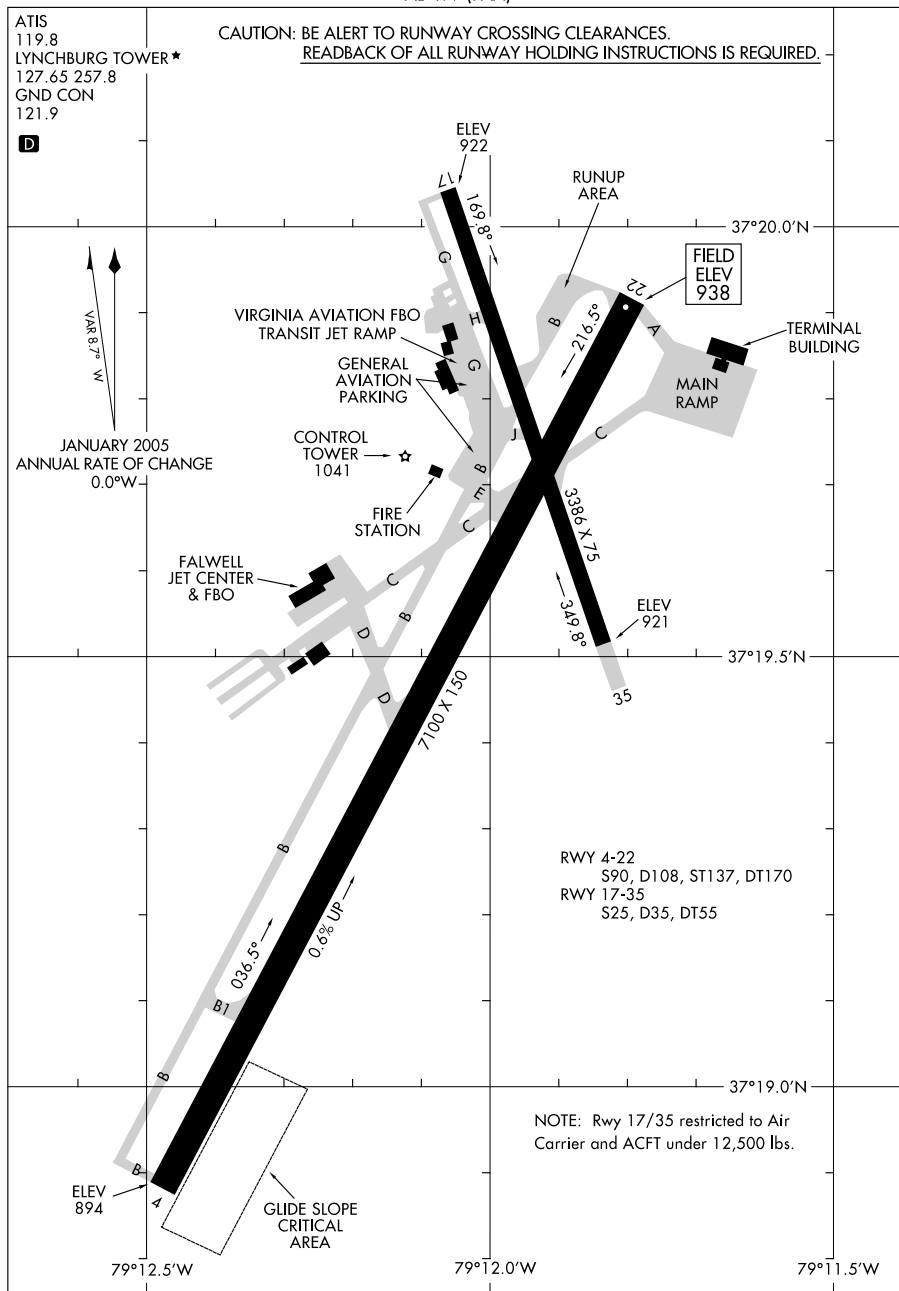
06271

LEWISBURG, WEST VIRGINIA
LEWISBURG/ GREENBRIER VALLEY (LWB)

09015

AIRPORT DIAGRAM

LYNCHBURG RGNL/PRESTON GLENN FIELD (LYH)
AL-499 (FAA)
LYNCHBURG, VIRGINIA



AIRPORT DIAGRAM

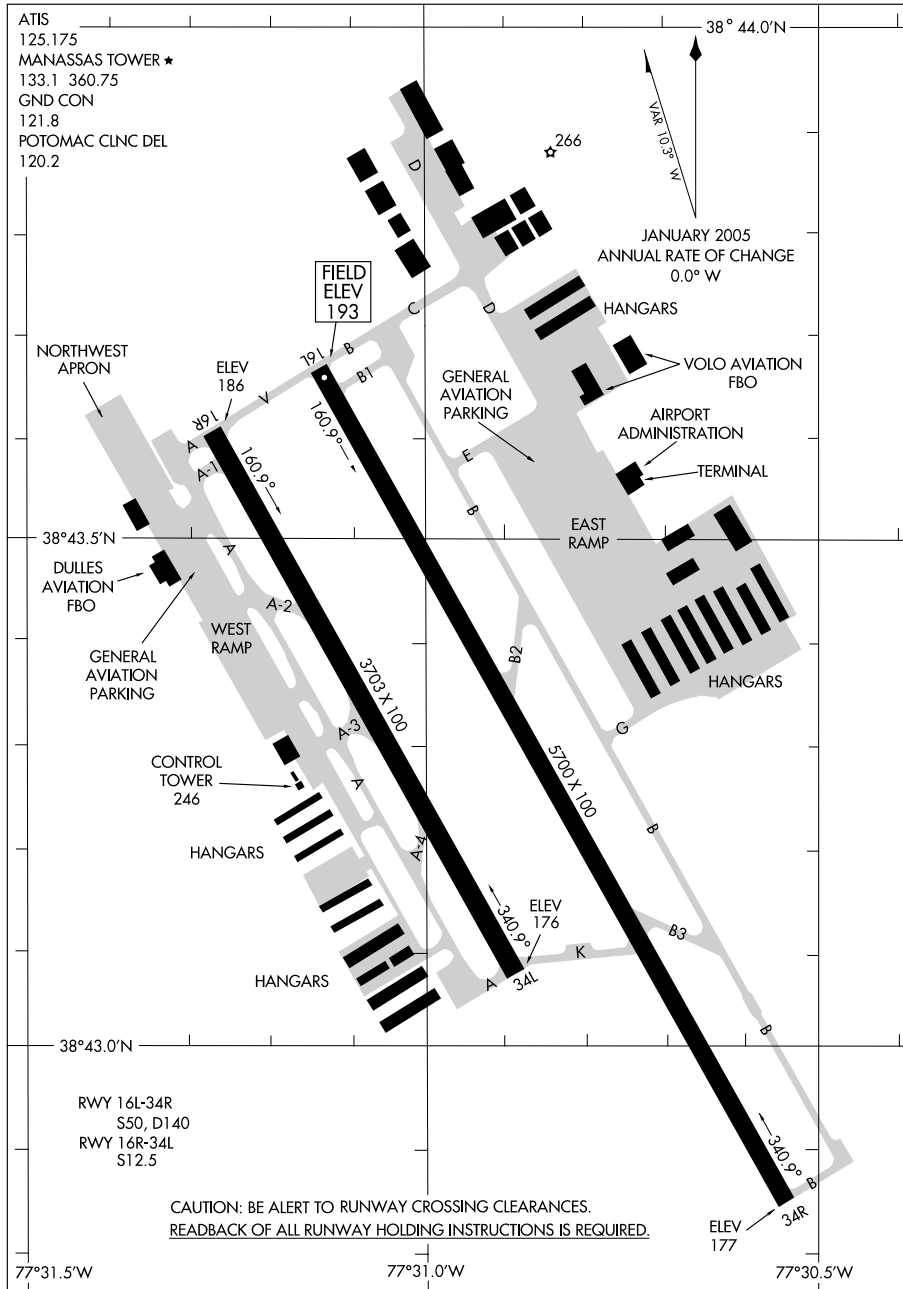
09015

LYNCHBURG, VIRGINIA
LYNCHBURG RGNL/PRESTON GLENN FIELD (LYH)

09015

AIRPORT DIAGRAM

MANASSAS RNGL/HARRY P. DAVIS FIELD (HEF)
AL-5326 (FAA) MANASSAS, VIRGINIA



AIRPORT DIAGRAM

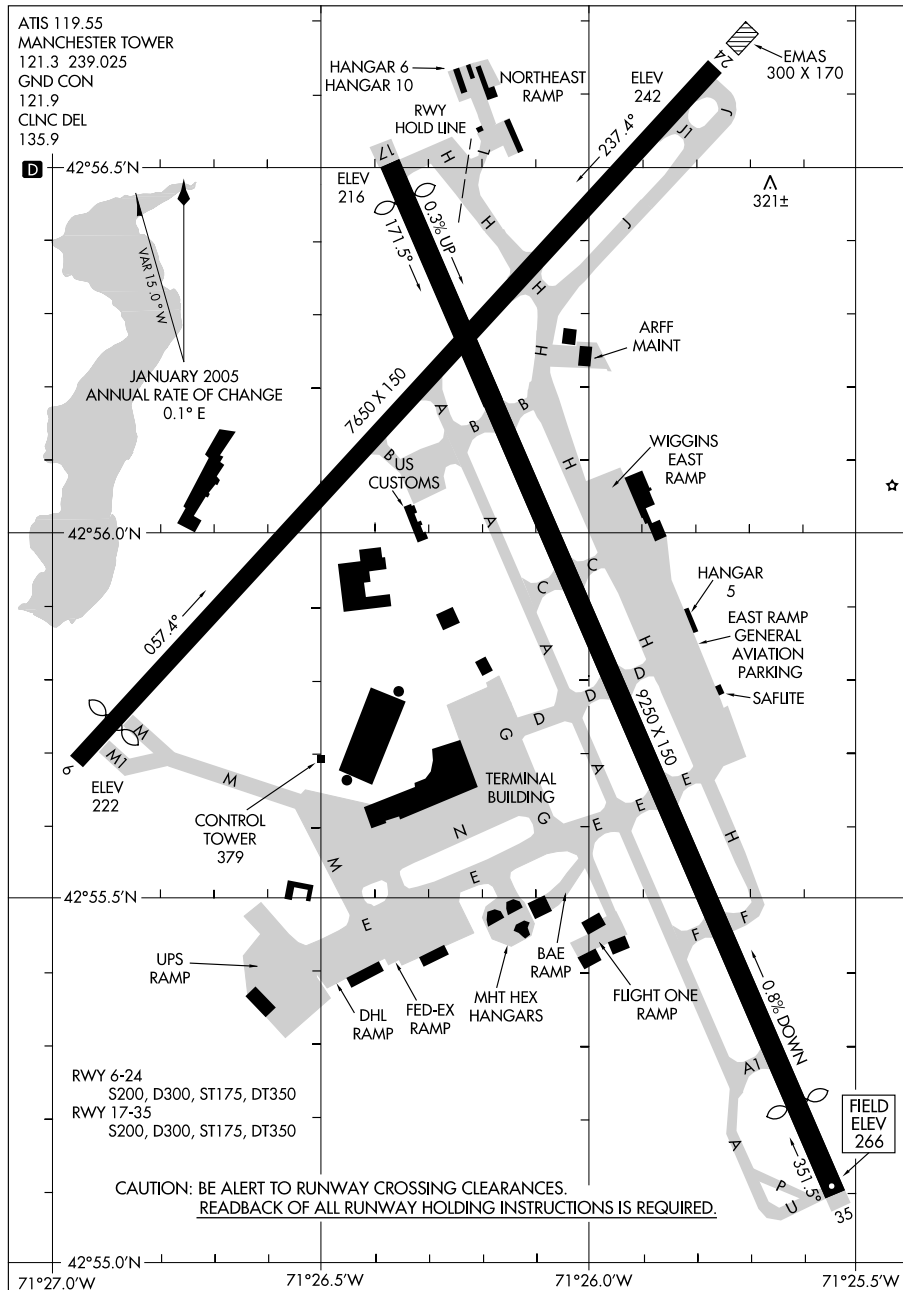
09015

MANASSAS, VIRGINIA
MANASSAS RNGL/HARRY P. DAVIS FIELD (HEF)

08325

AIRPORT DIAGRAM

AL-246 (FAA)

MANCHESTER (MHT)
MANCHESTER, NEW HAMPSHIRE

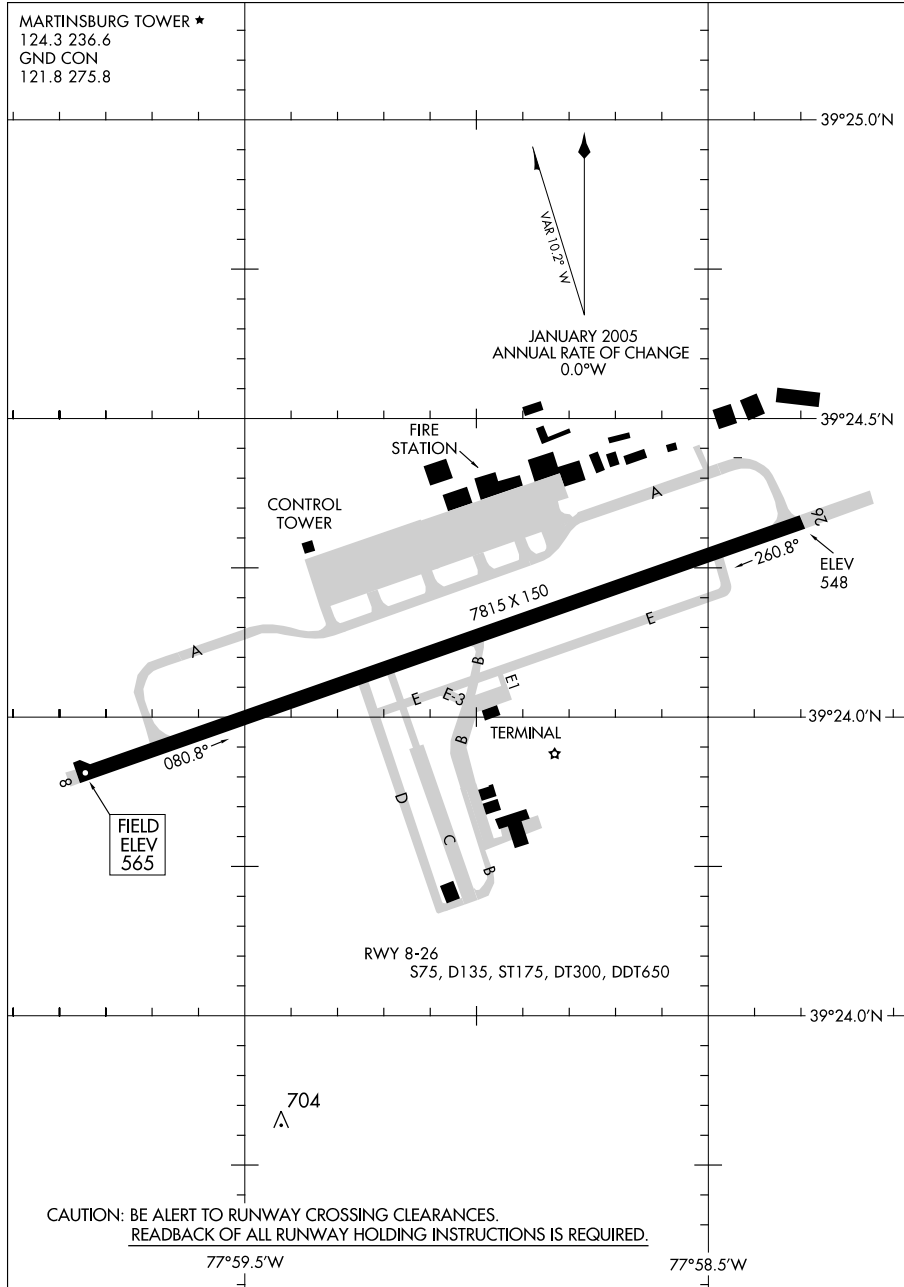
AIRPORT DIAGRAM

08325

08325

AIRPORT DIAGRAM

MARTINSBURG/
EASTERN WEST VIRGINIA RGNL/SHEPHERD FIELD (MR.B)
AL-249 (FAA) MARTINSBURG, WEST VIRGINIA



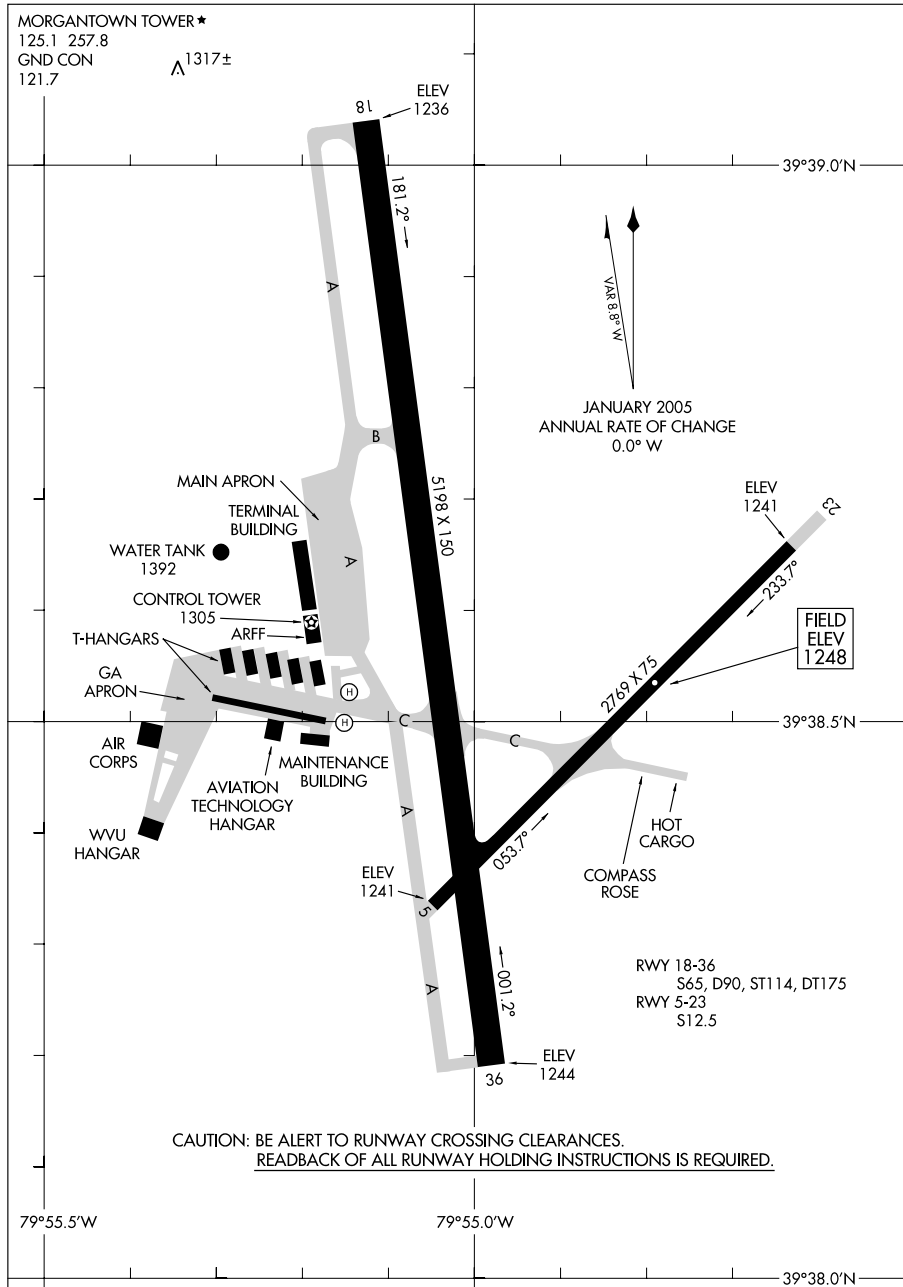
AIRPORT DIAGRAM

08325

MARTINSBURG/
EASTERN WEST VIRGINIA RGNL/SHEPHERD FIELD (MR.B)
MARTINSBURG, WEST VIRGINIA

06271

AIRPORT DIAGRAM

MORGANTOWN MUNI-WALTER L. BILL HART FIELD (MGW)
AL-479 (FAA) MORGANTOWN, WEST VIRGINIA

AIRPORT DIAGRAM

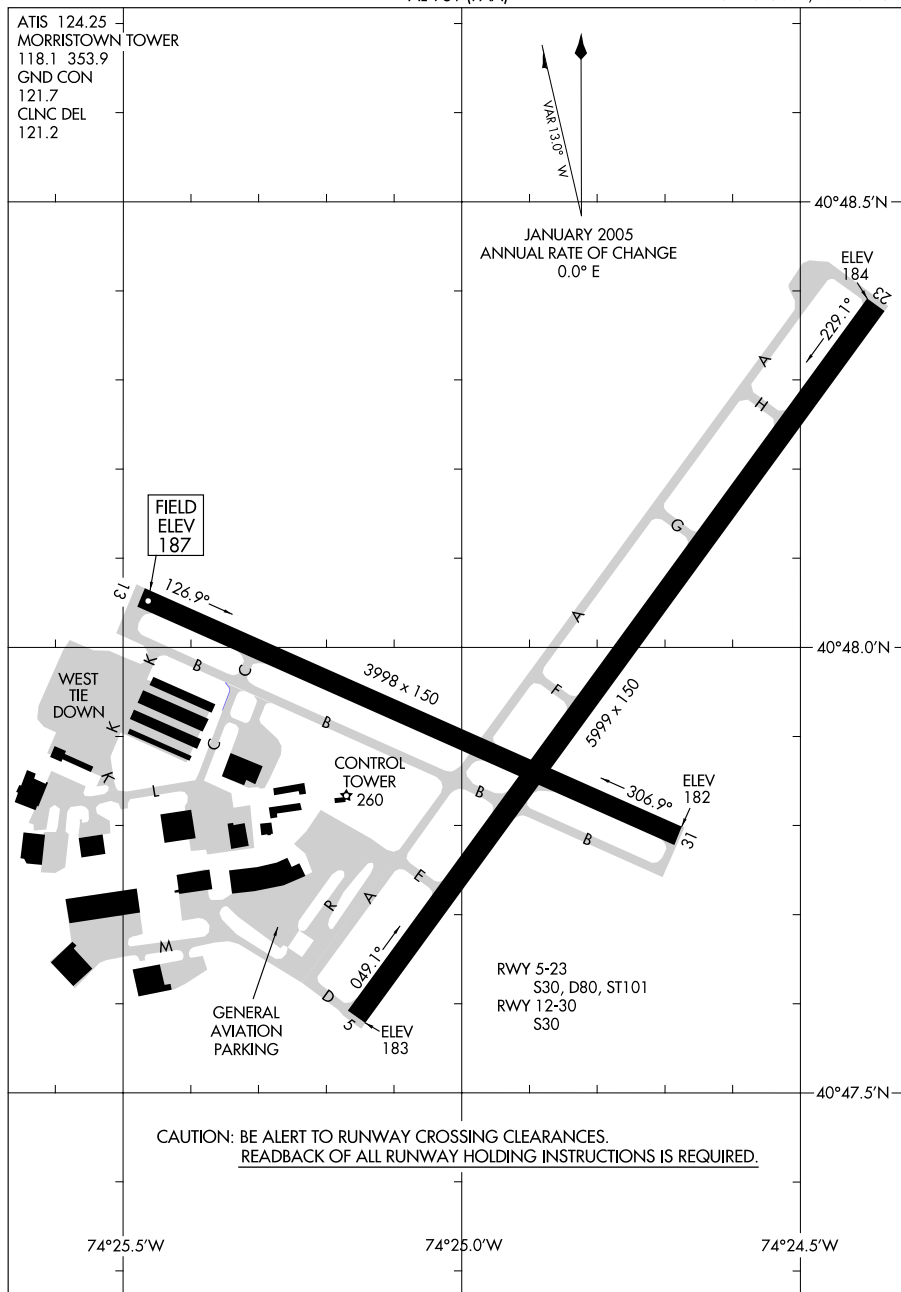
06271

MORGANTOWN, WEST VIRGINIA
MORGANTOWN MUNI-WALTER L. BILL HART FIELD (MGW)

06327

AIRPORT DIAGRAM

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY

AIRPORT DIAGRAM

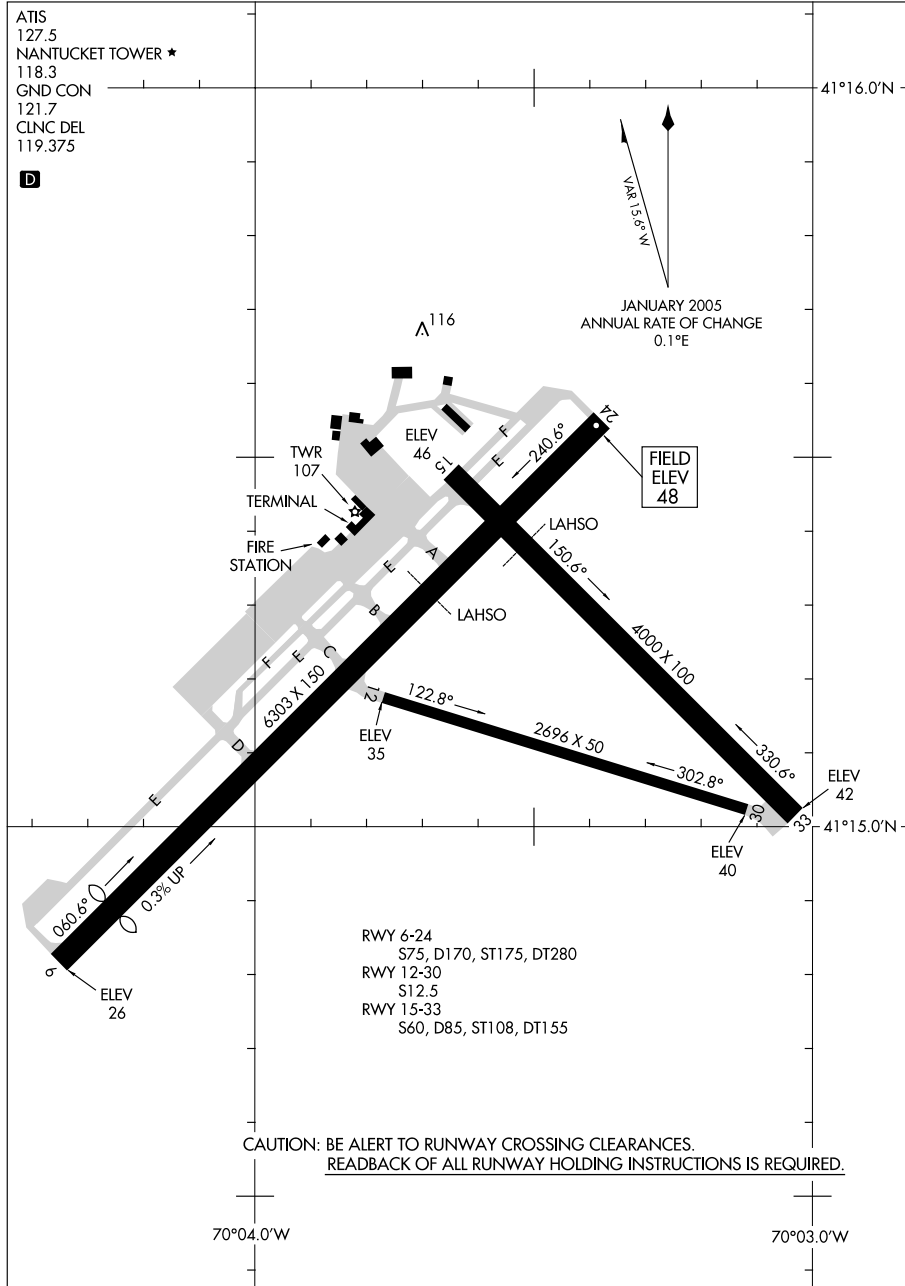
06327

MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI (MMU)

09239

AIRPORT DIAGRAM

AL-659 (FAA)

NANTUCKET MEMORIAL (ACK)
NANTUCKET, MASSACHUSETTS

AIRPORT DIAGRAM

09239

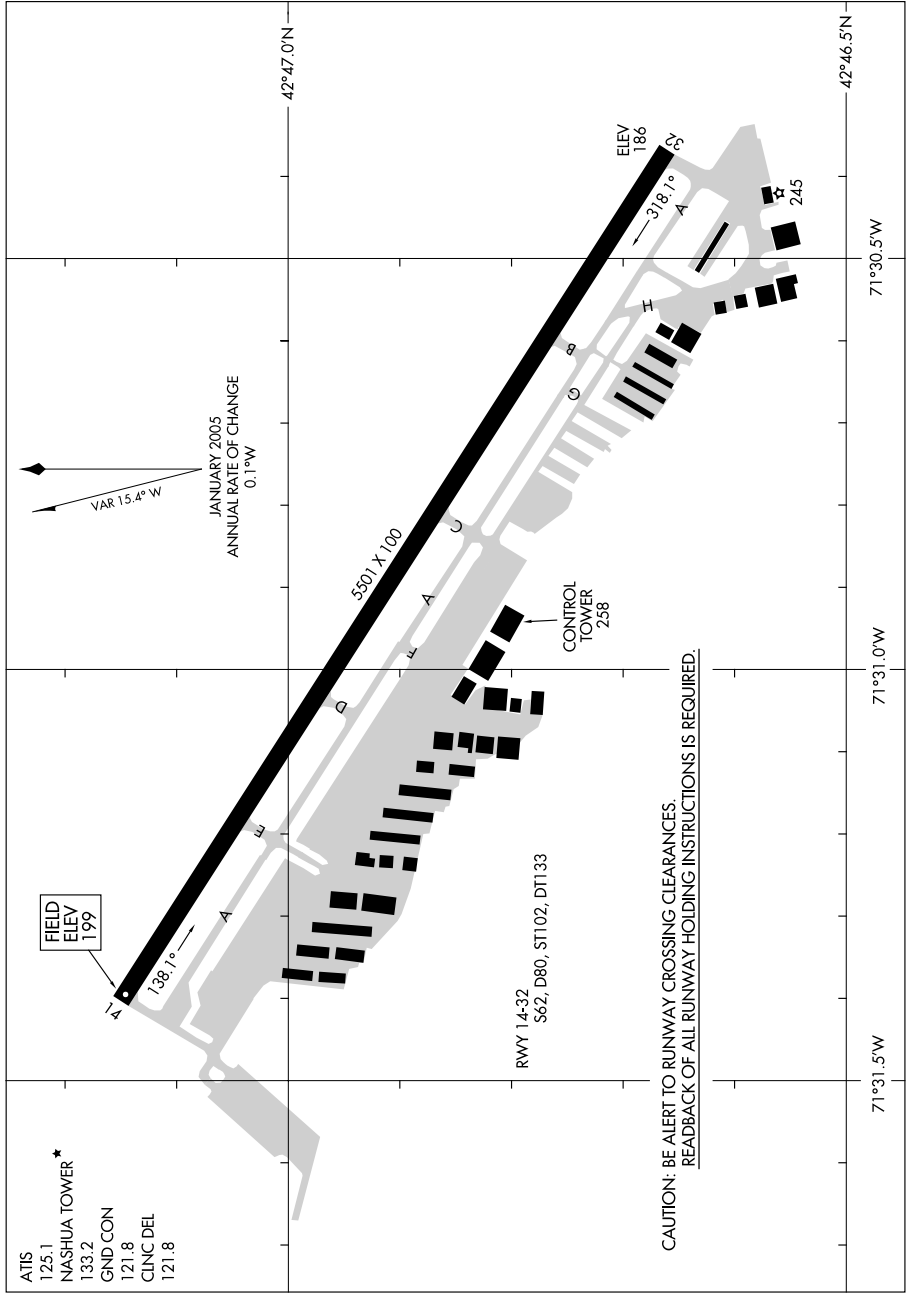
NANTUCKET, MASSACHUSETTS
NANTUCKET MEMORIAL (ACK)

09239

AIRPORT DIAGRAM

AL-5036 (FAA)

NASHUA / BOIRE FIELD (ASH)
NASHUA, NEW HAMPSHIRE



AIRPORT DIAGRAM

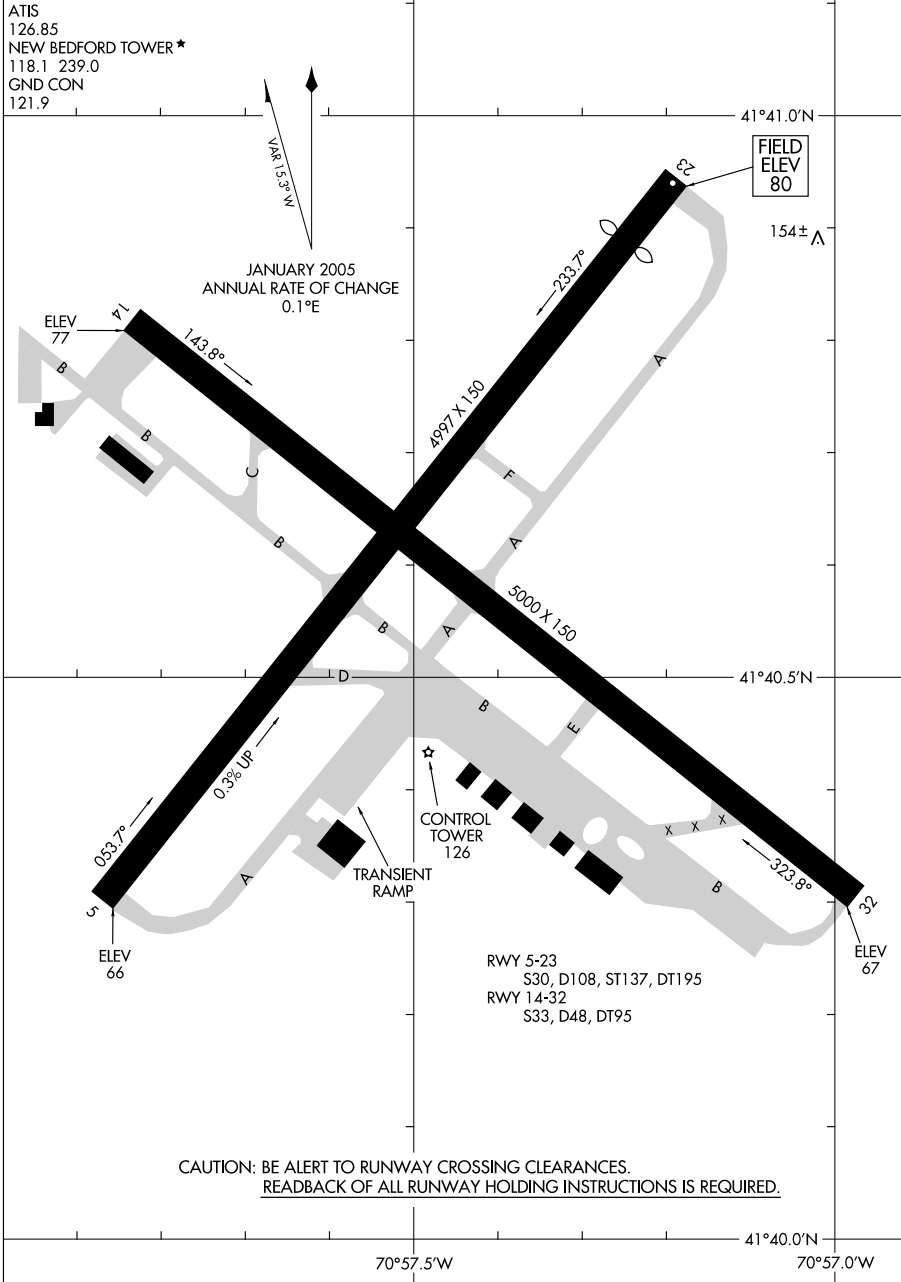
09239

NASHUA, NEW HAMPSHIRE
NASHUA / BOIRE FIELD (ASH)

09015

AIRPORT DIAGRAM

AL-644 (FAA)

NEW BEDFORD RGNL (EWB)
NEW BEDFORD, MASSACHUSETTS

AIRPORT DIAGRAM

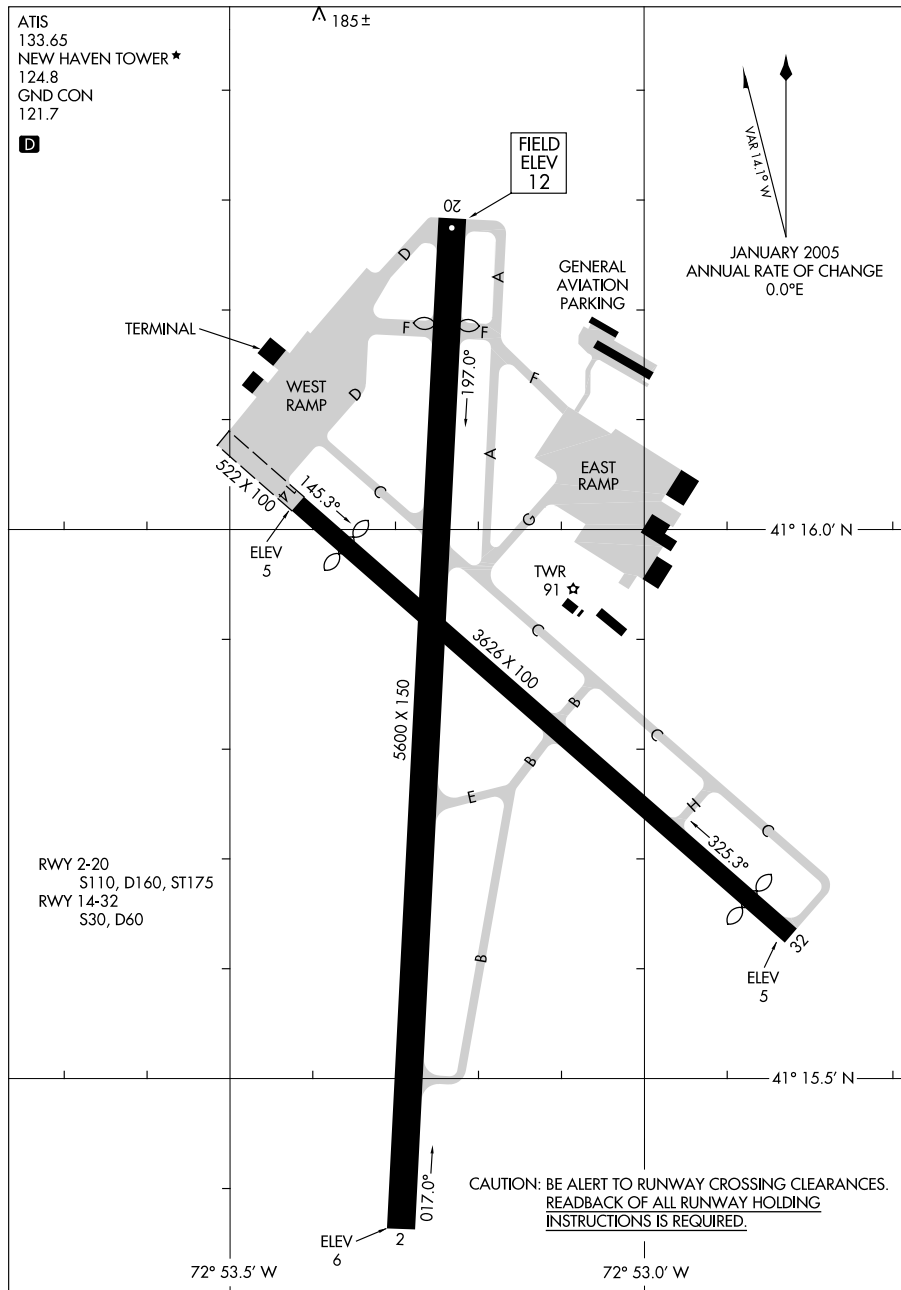
09015

NEW BEDFORD, MASSACHUSETTS
NEW BEDFORD RGNL (EWB)

09183

AIRPORT DIAGRAM

AL-671 (FAA)

NEW HAVEN/TWEED-NEW HAVEN (HVN)
NEW HAVEN, CONNECTICUT

AIRPORT DIAGRAM

09183

NEW HAVEN, CONNECTICUT
NEW HAVEN/TWEED-NEW HAVEN (HVN)

NEW YORK / JOHN F. KENNEDY INTL (JFK)
NEW YORK, NEW YORK

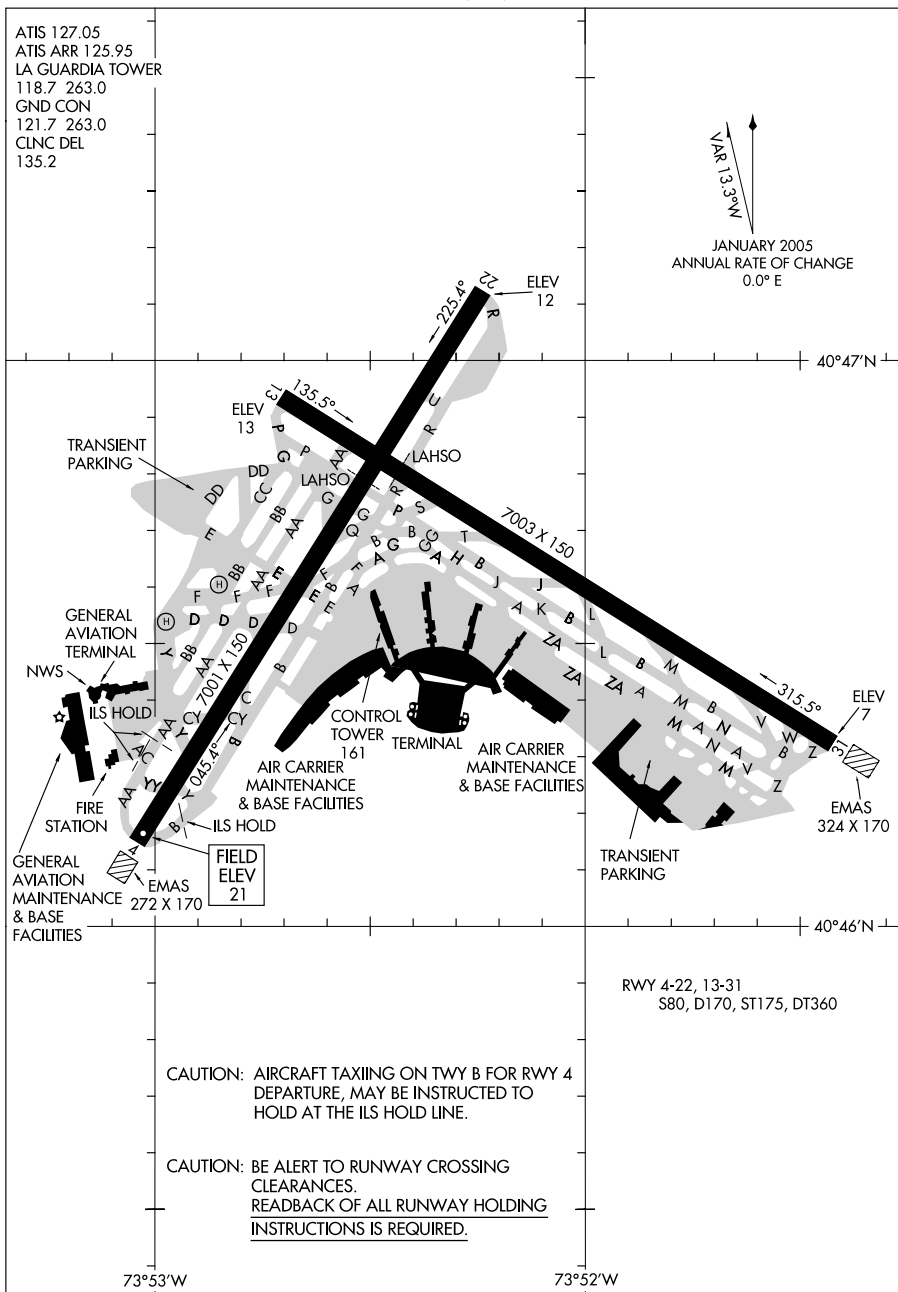


NE, 22 OCT 2009 to 17 DEC 2009

09071

AIRPORT DIAGRAM

AL-289 (FAA)

NEW YORK/LA GUARDIA (LGA)
NEW YORK, NEW YORK

AIRPORT DIAGRAM

09071

NEW YORK, NEW YORK
NEW YORK/LA GUARDIA (LGA)

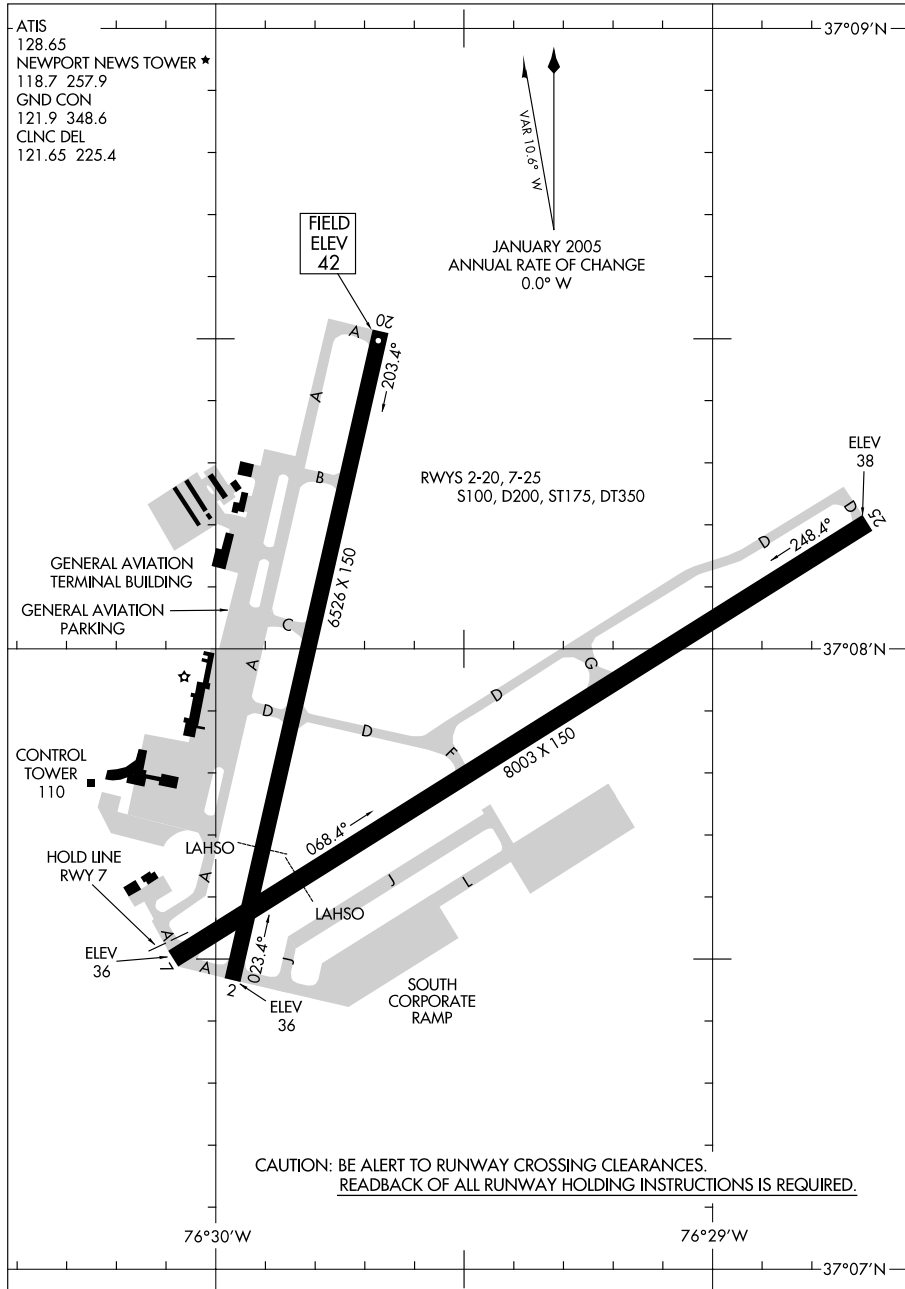
09127

AIRPORT DIAGRAM

NEWPORT NEWS / WILLIAMSBURG INTL (PHF)

AL-957 (FAA)

NEWPORT NEWS, VIRGINIA



AIRPORT DIAGRAM

09127

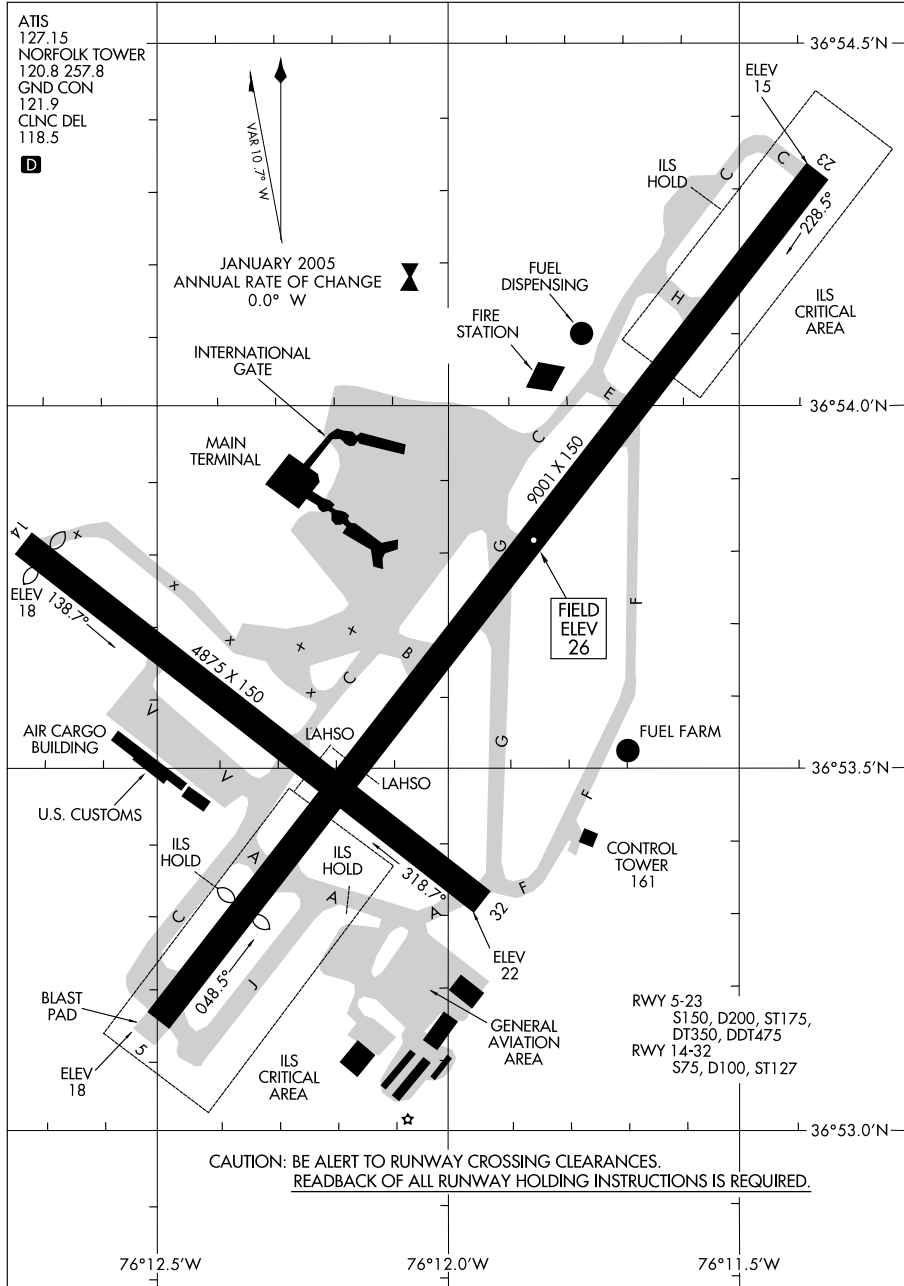
NEWPORT NEWS, VIRGINIA
NEWPORT NEWS / WILLIAMSBURG INTL (PHF)

09015

AIRPORT DIAGRAM

AL-291 (FAA)

NORFOLK INTL (ORF)
NORFOLK, VIRGINIA



AIRPORT DIAGRAM

09015

NORFOLK, VIRGINIA
NORFOLK INTL (ORF)

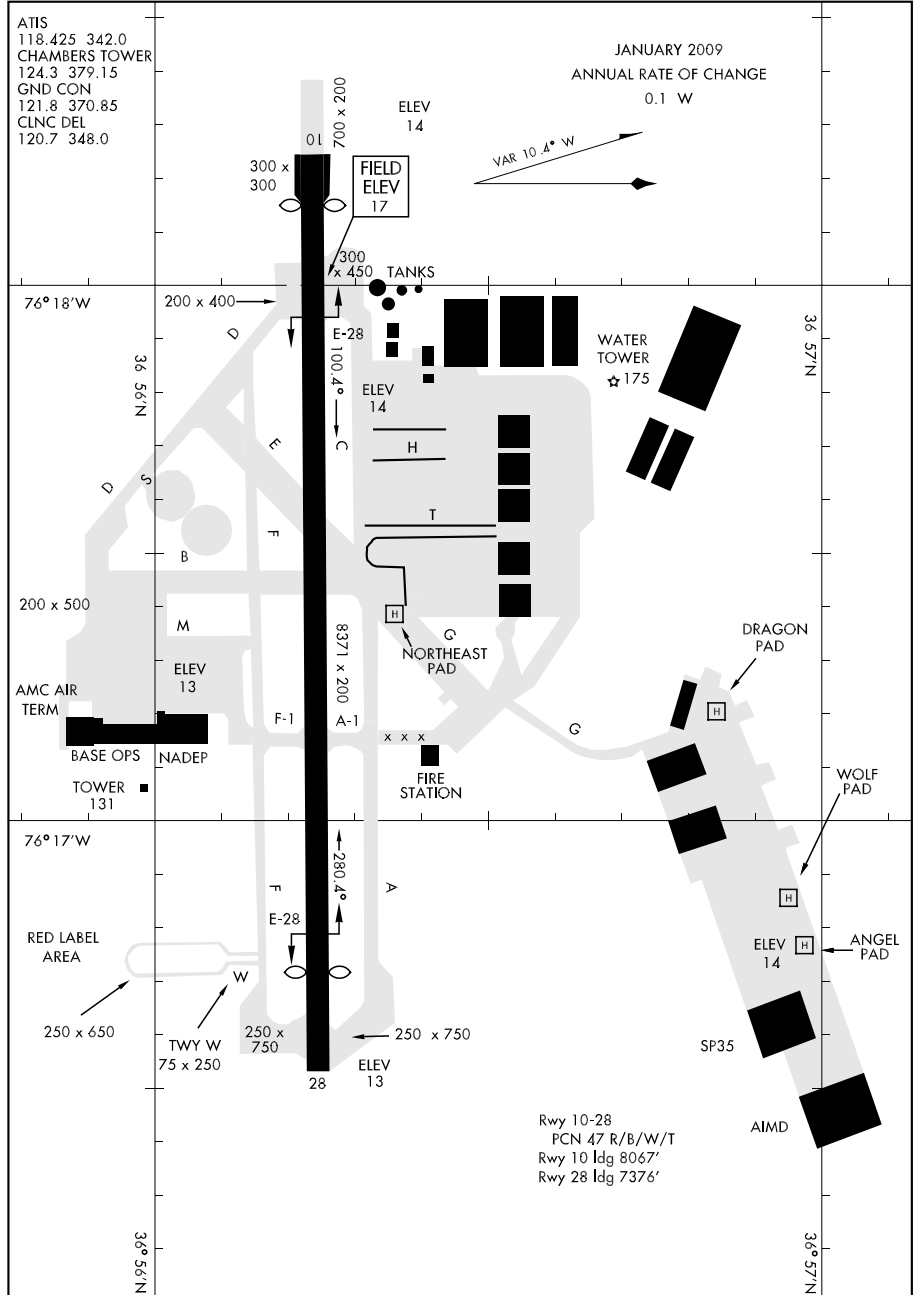
09015

NORFOLK NS (CHAMBERS FIELD) (KNGU)

AIRPORT DIAGRAM

ADF-290 [USN]

NORFOLK, VIRGINIA



AIRPORT DIAGRAM

NORFOLK, VIRGINIA

NORFOLK NS (CHAMBERS FIELD) (KNGU)

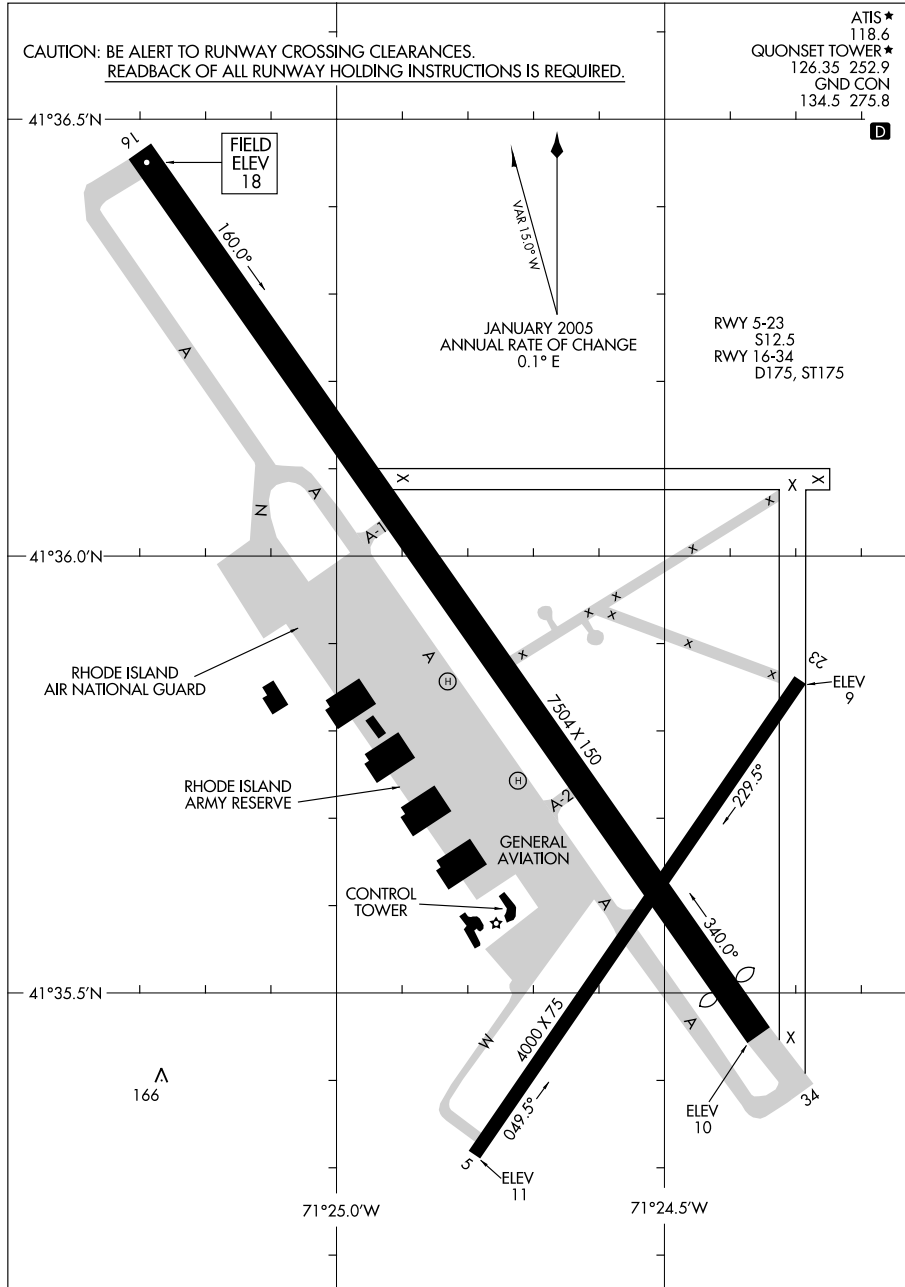
NE, 22 OCT 2009 to 17 DEC 2009

09015

AIRPORT DIAGRAM

AL-338 (FAA)

NORTH KINGSTOWN/QUONSET STATE (OQU)
NORTH KINGSTOWN, RHODE ISLAND



AIRPORT DIAGRAM

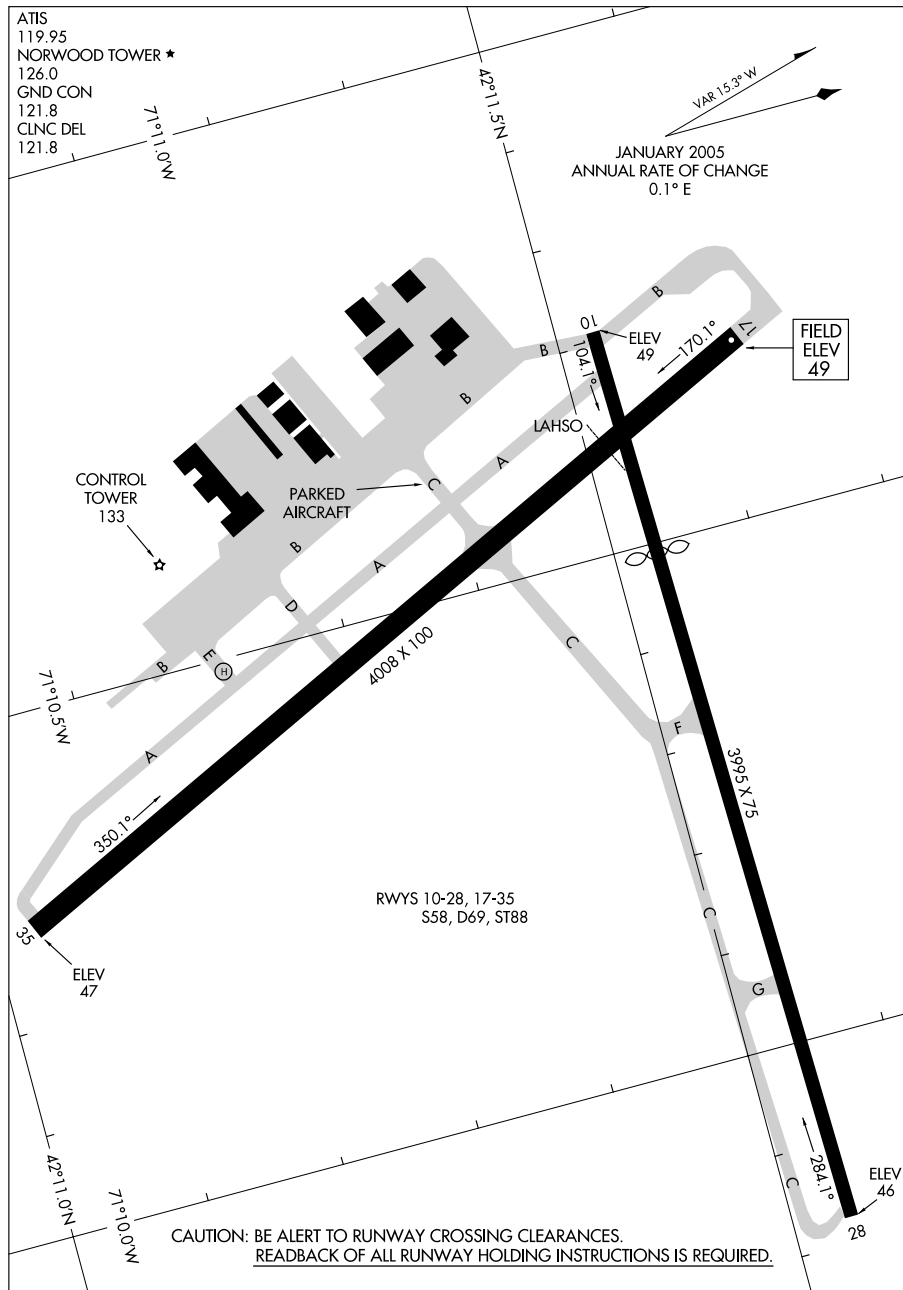
09015

NORTH KINGSTOWN, RHODE ISLAND
NORTH KINGSTOWN/QUONSET STATE (OQU)

09015

AIRPORT DIAGRAM

AL-725 (FAA)

NORWOOD MEMORIAL (OWD)
NORWOOD, MASSACHUSETTS

AIRPORT DIAGRAM

09015

NORWOOD, MASSACHUSETTS
NORWOOD MEMORIAL (OWD)

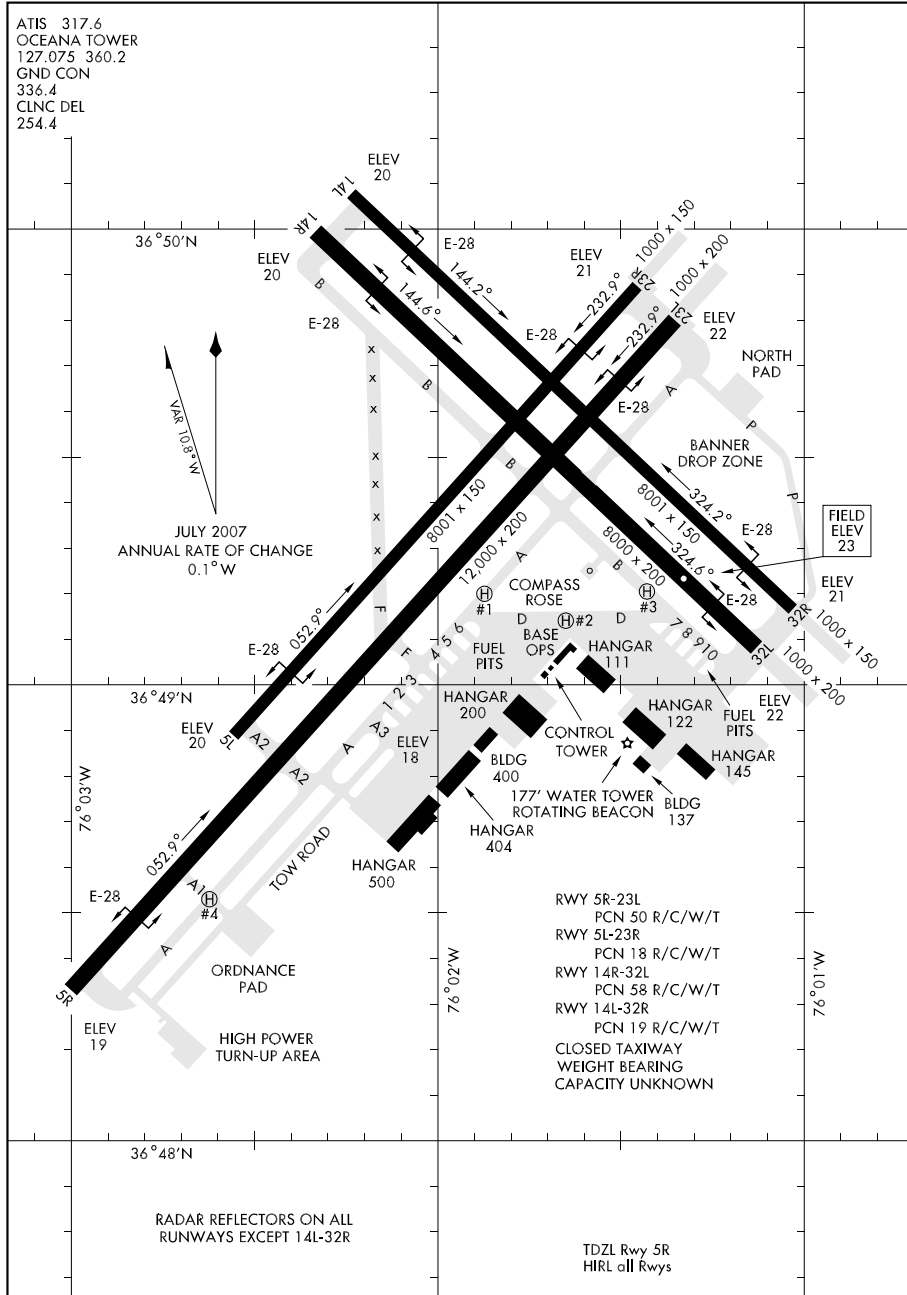
08325

OCEANA NAS (APOLLO SOUCEK FIELD) (KNTU)

AIRPORT DIAGRAM

AFD-934 [USN]

VIRGINIA BEACH, VIRGINIA



AIRPORT DIAGRAM

WGS DATUM

VIRGINIA BEACH, VIRGINIA

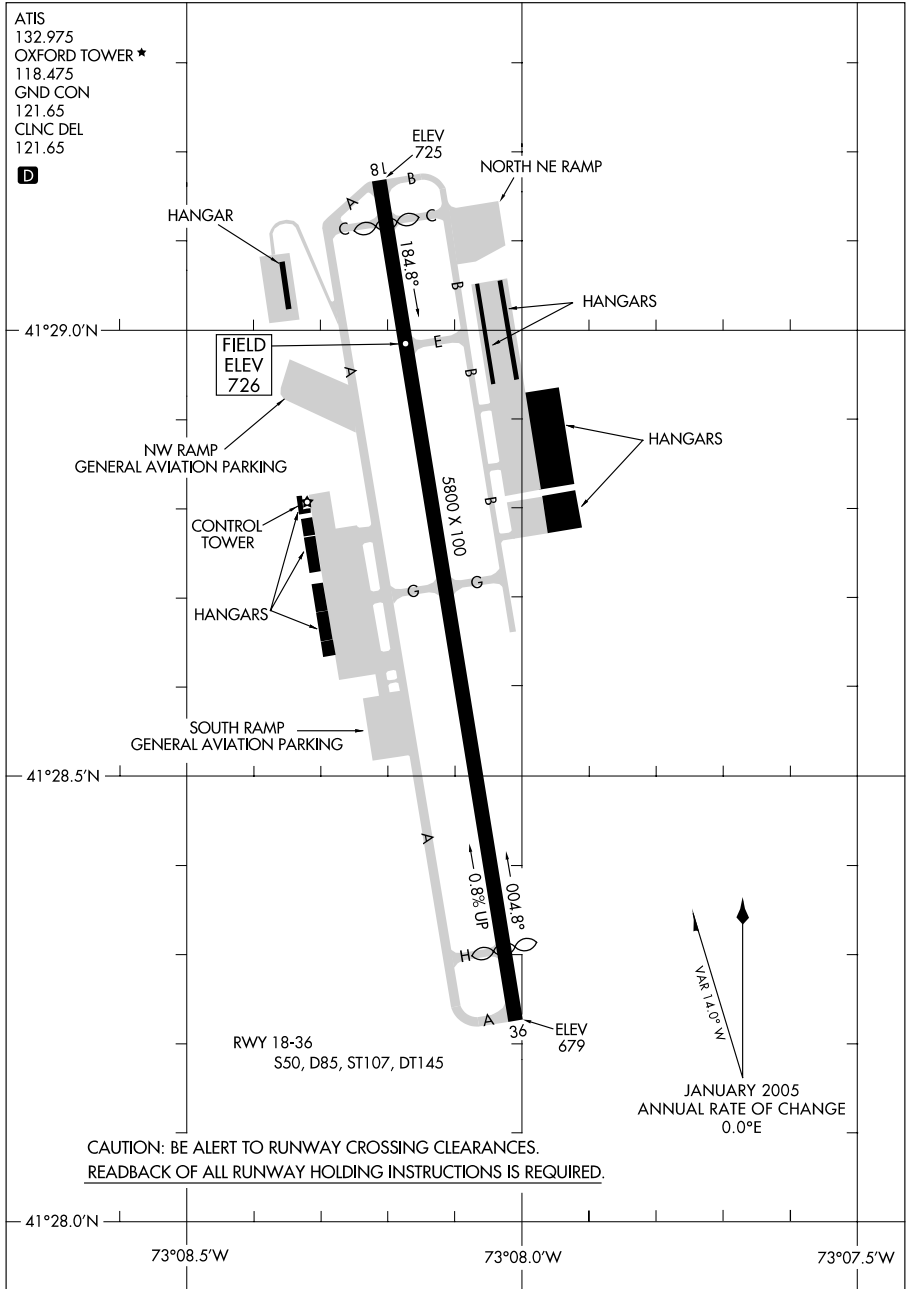
OCEANA NAS (APOLLO SOUCEK FIELD) (KNTU)

09015

AIRPORT DIAGRAM

AL-5785 (FAA)

OXFORD/ WATERBURY-OXFORD (OXC)
OXFORD, CONNECTICUT



AIRPORT DIAGRAM

09015

OXFORD, CONNECTICUT
OXFORD/ WATERBURY-OXFORD (OXC)

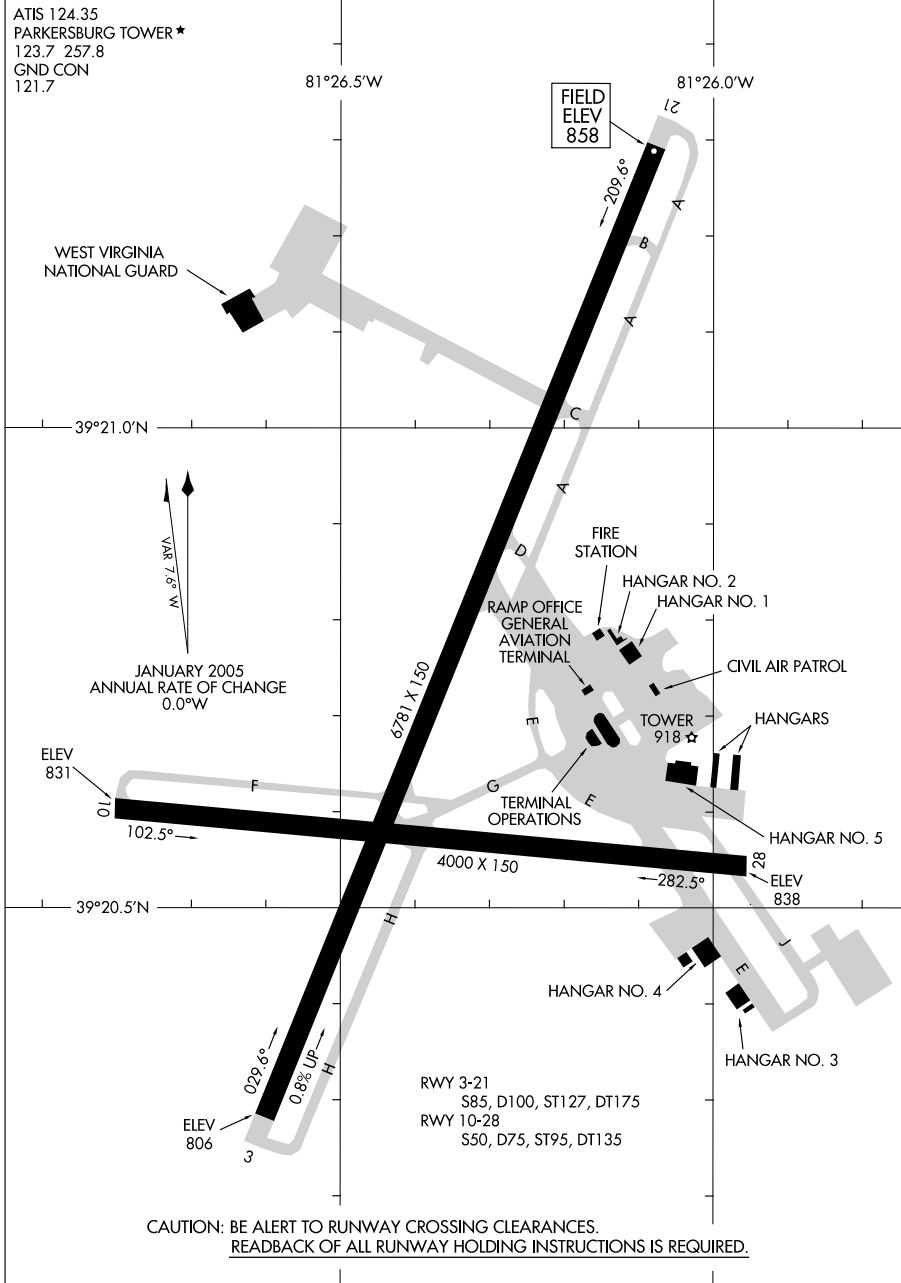
08325

AIRPORT DIAGRAM

PARKERSBURG/MID-OHIO VALLEY RGNL (PKB)

AL-646 (FAA)

PARKERSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

08325

PARKERSBURG, WEST VIRGINIA

PARKERSBURG/MID-OHIO VALLEY RGNL (PKB)

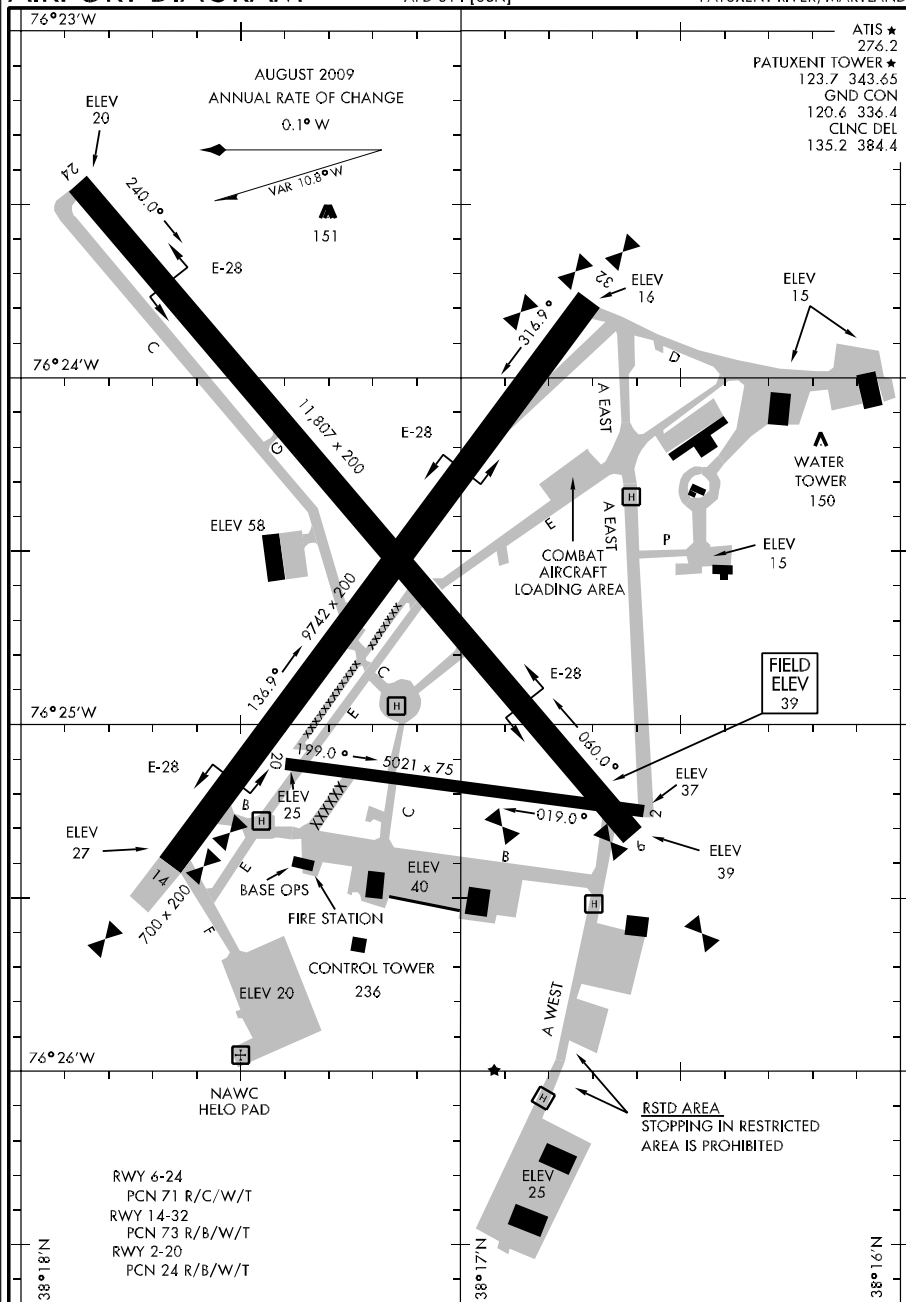
09267

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

AIRPORT DIAGRAM

AFD-314 [USN]

PATUXENT RIVER, MARYLAND



AIRPORT DIAGRAM

PATUXENT RIVER, MARYLAND

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

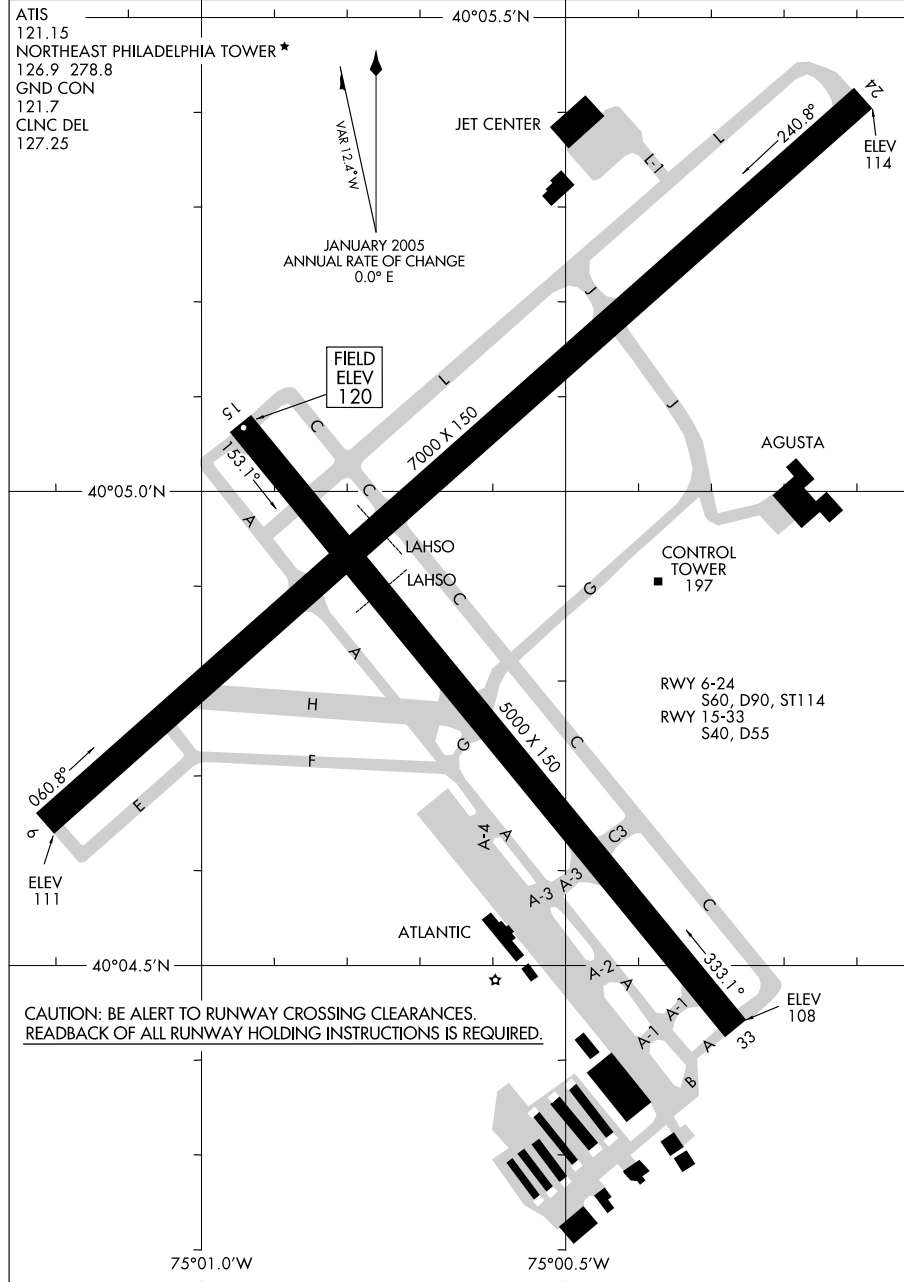
09295

AIRPORT DIAGRAM

PHILADELPHIA / NORTHEAST PHILADELPHIA (PNE)

AL-528 (FAA)

PHILADELPHIA, PENNSYLVANIA



AIRPORT DIAGRAM

09295

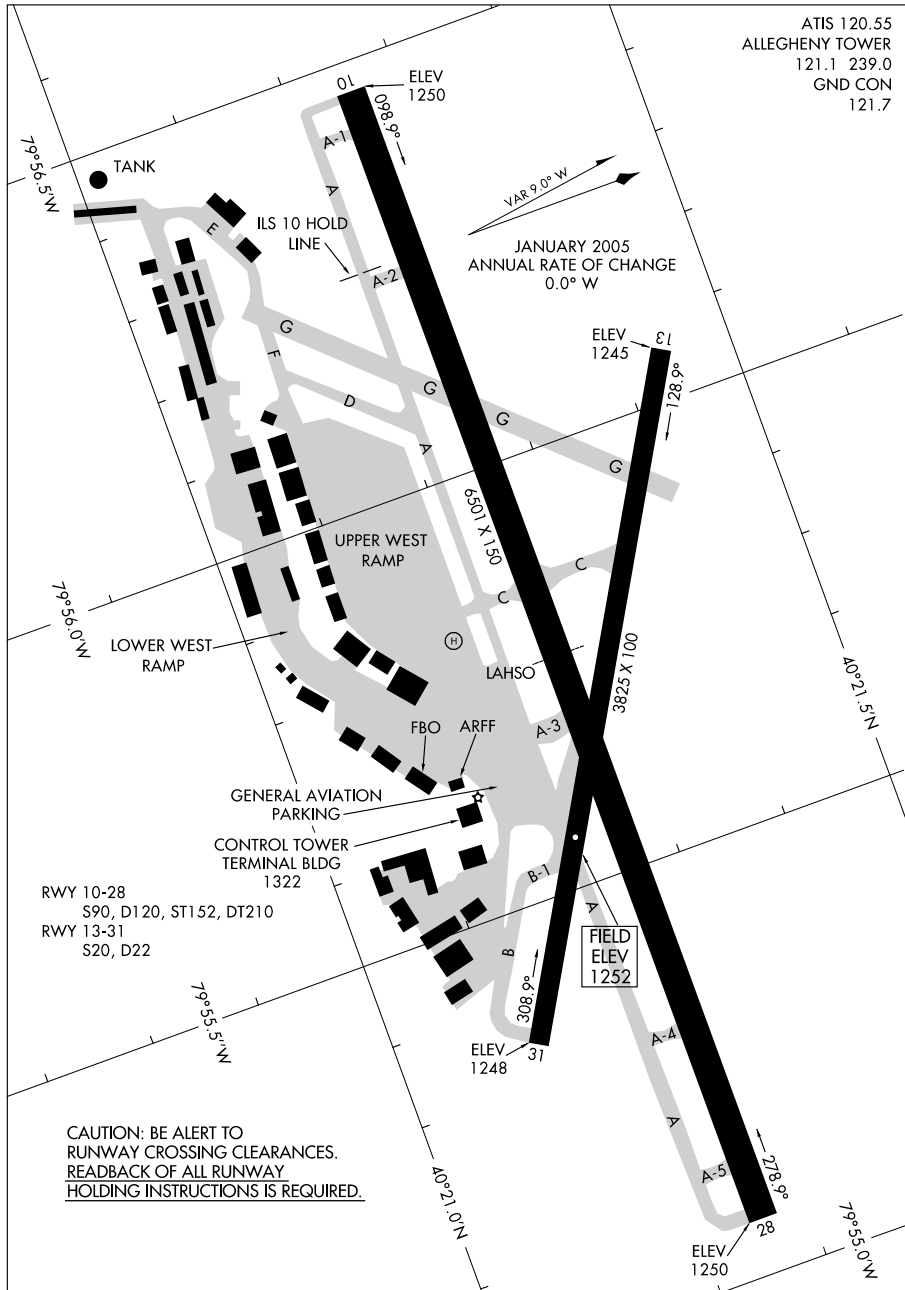
PHILADELPHIA, PENNSYLVANIA

PHILADELPHIA / NORTHEAST PHILADELPHIA (PNE)

07242

AIRPORT DIAGRAM

PITTSBURGH / ALLEGHENY COUNTY (AGC)
PITTSBURGH, PENNSYLVANIA



ATIS 120.55
ALLEGHENY TOWER
121.1 239.0
GND CON
121.7

AIRPORT DIAGRAM

PITTSBURGH, PENNSYLVANIA
PITTSBURGH / ALLEGHENY COUNTY (AGC)

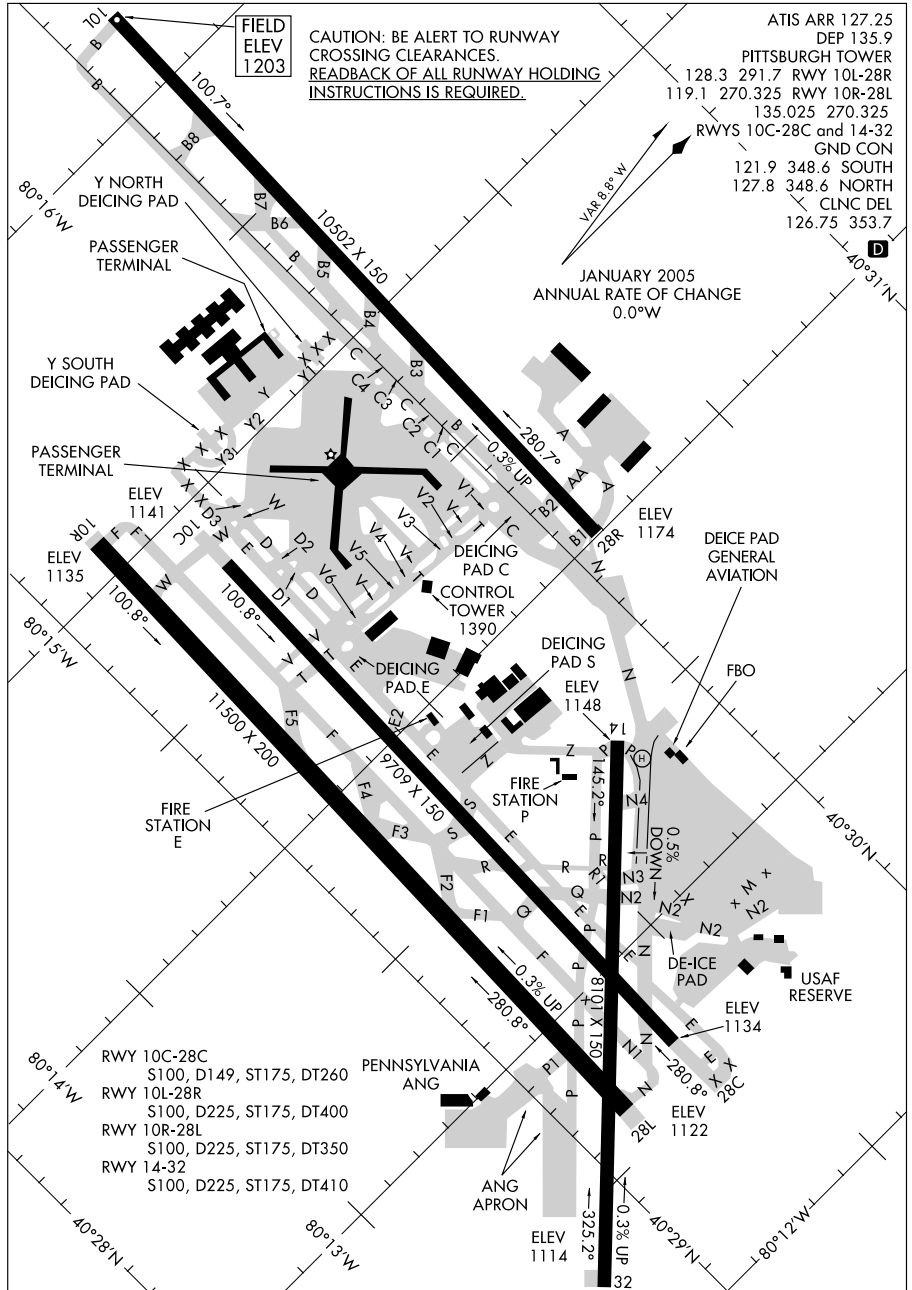
07242

09183

AIRPORT DIAGRAM

AL-570 (FAA)

PITTSBURGH INTL (PIT)
PITTSBURGH, PENNSYLVANIA



ATIS ARR 127.25
 DEP 135.9
 PITTSBURGH TOWER
 117.1 RWY 10L-28R
 132.5 RWY 10R-28L
 135.025 270.325
 10C-28C and 14-32
 GND CON
 119.9 348.6 SOUTH
 117.8 348.6 NORTH
 \ CLNC DEL
 126.75 353.7

JANUARY 2005
ANNUAL RATE OF CHANGE
0.0°W

AIRPORT DIAGRAM

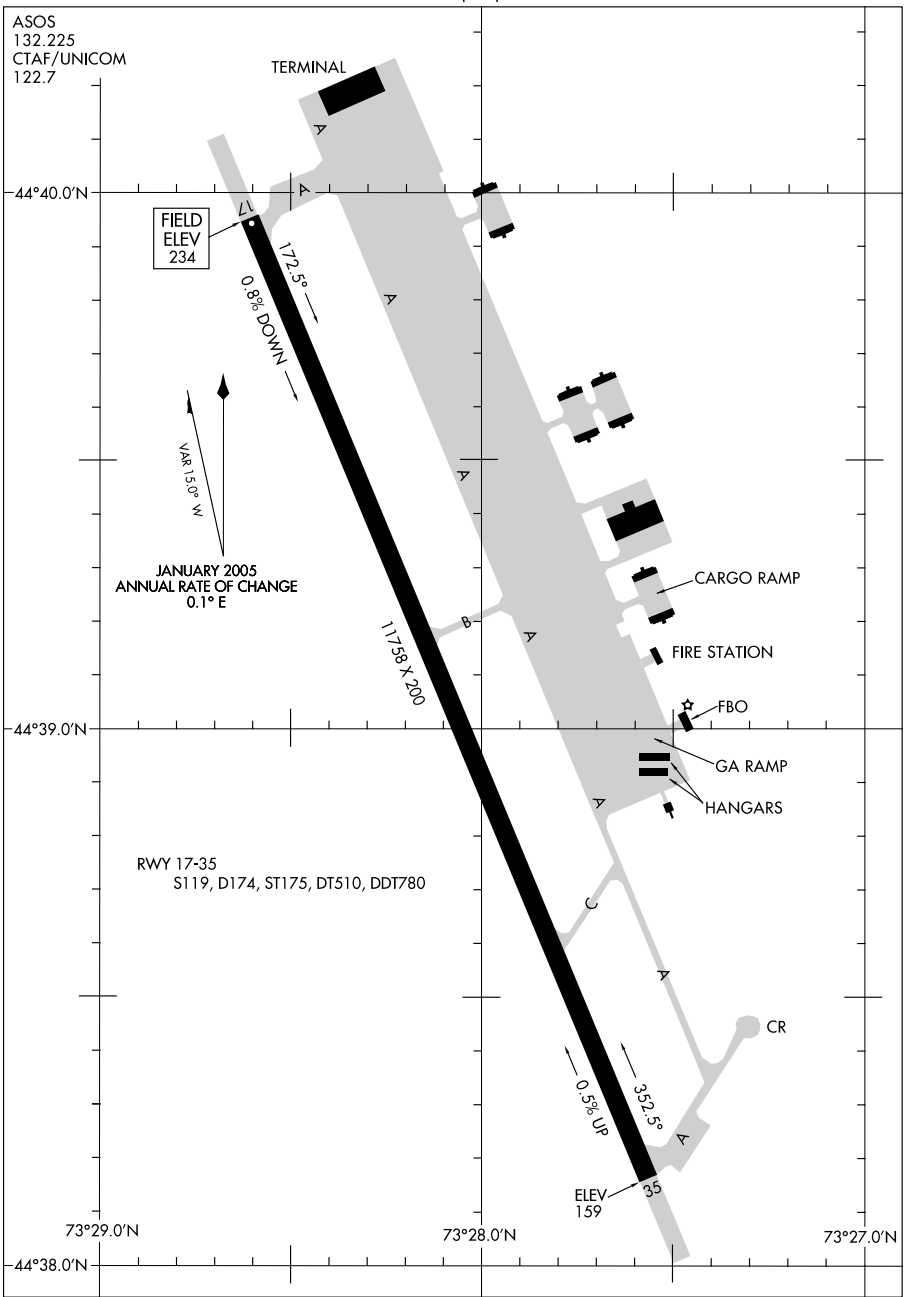
PITTSBURGH, PENNSYLVANIA
PITTSBURGH INTL (PIT)

09183

NE, 22 OCT 2009 to 17 DEC 2009

09071
AIRPORT DIAGRAM

PLATTSBURGH INTL (PBG)
PLATTSBURGH, NEW YORK



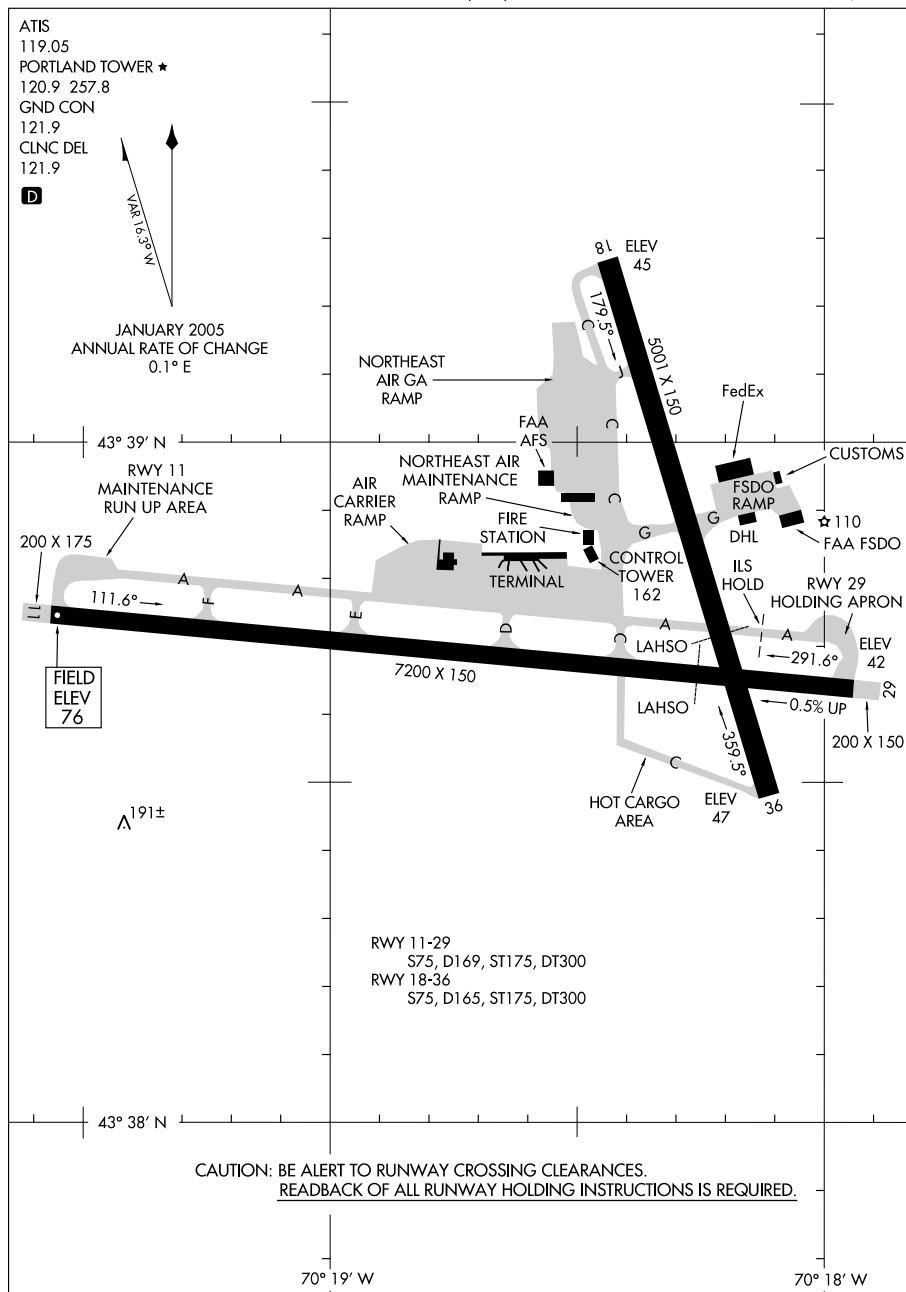
AIRPORT DIAGRAM
09071

PLATTSBURGH, NEW YORK
PLATTSBURGH INTL (PBG)

09015

AIRPORT DIAGRAM

AL-329 (FAA)

PORTLAND INTL JETPORT (PWM)
PORTLAND, MAINE

AIRPORT DIAGRAM

09015

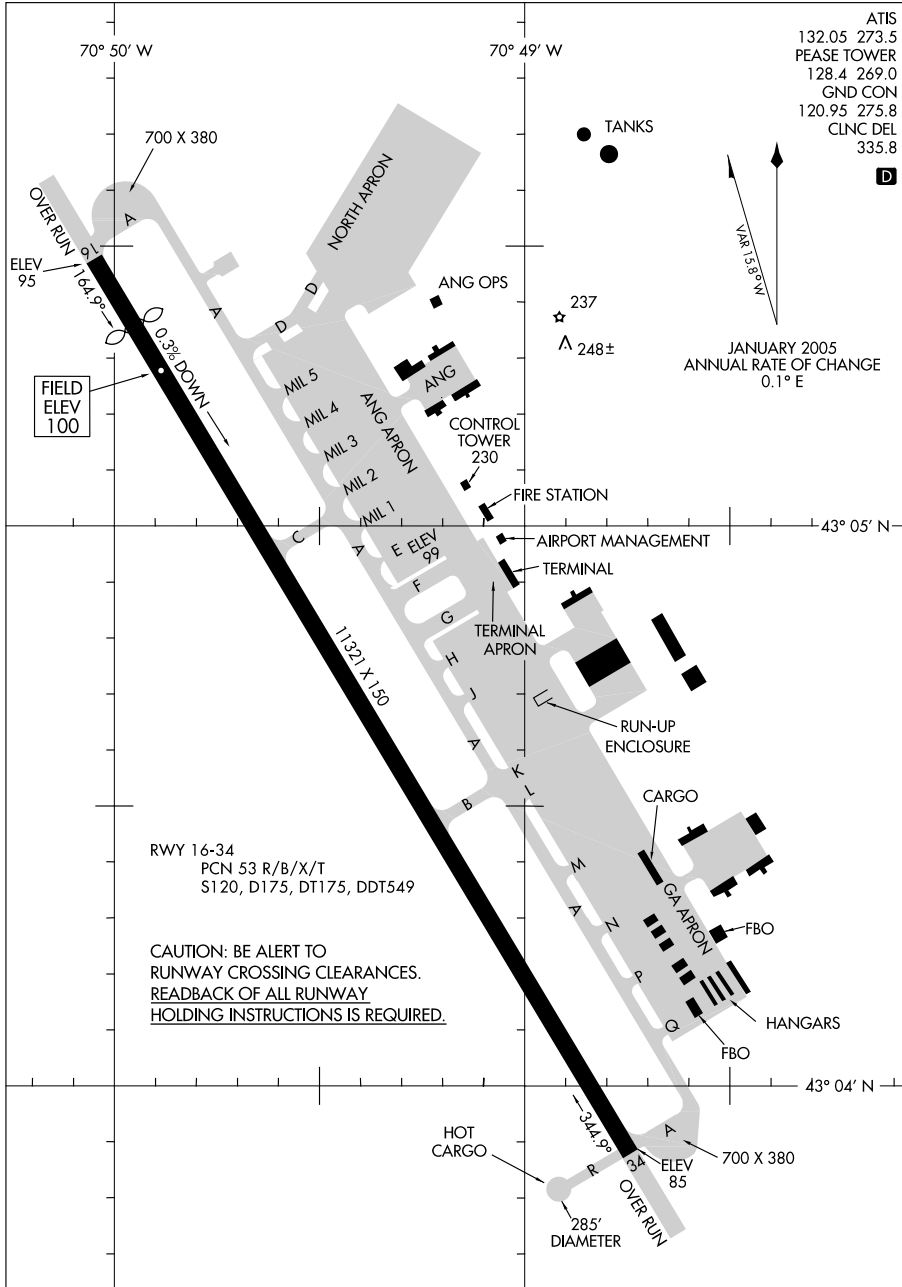
PORTLAND, MAINE
PORTLAND INTL JETPORT (PWM)

09239

AIRPORT DIAGRAM

AL-678 (FAA)

PORTSMOUTH INTL AT PEASE (PSM)
PORTSMOUTH, NEW HAMPSHIRE



AIRPORT DIAGRAM

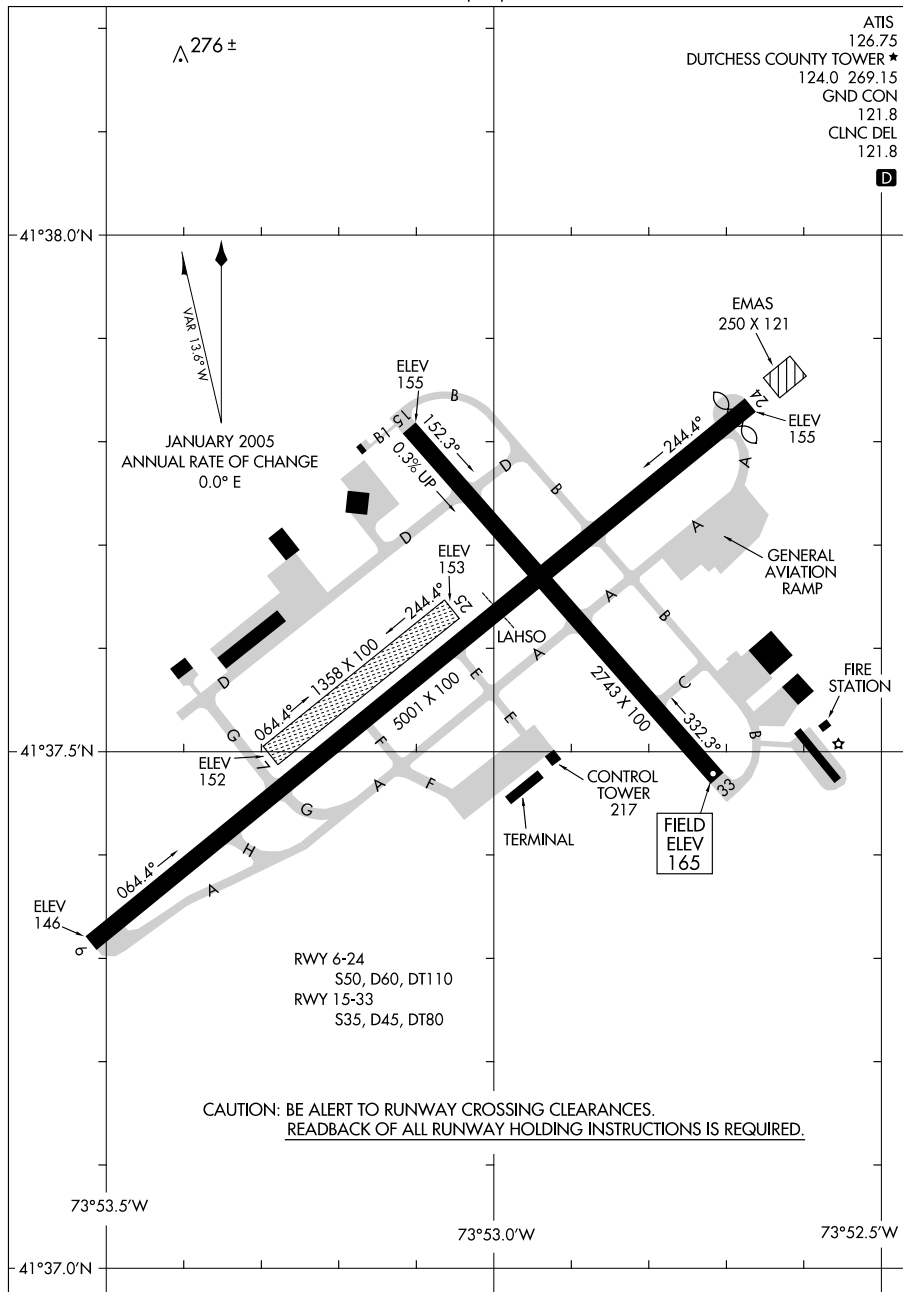
09239

PORTSMOUTH, NEW HAMPSHIRE
PORTSMOUTH INTL AT PEASE (PSM)

09015

AIRPORT DIAGRAM

AL-286 (FAA)

POUGHKEEPSIE/DUTCHESS COUNTY (POU)
POUGHKEEPSIE, NEW YORK

AIRPORT DIAGRAM

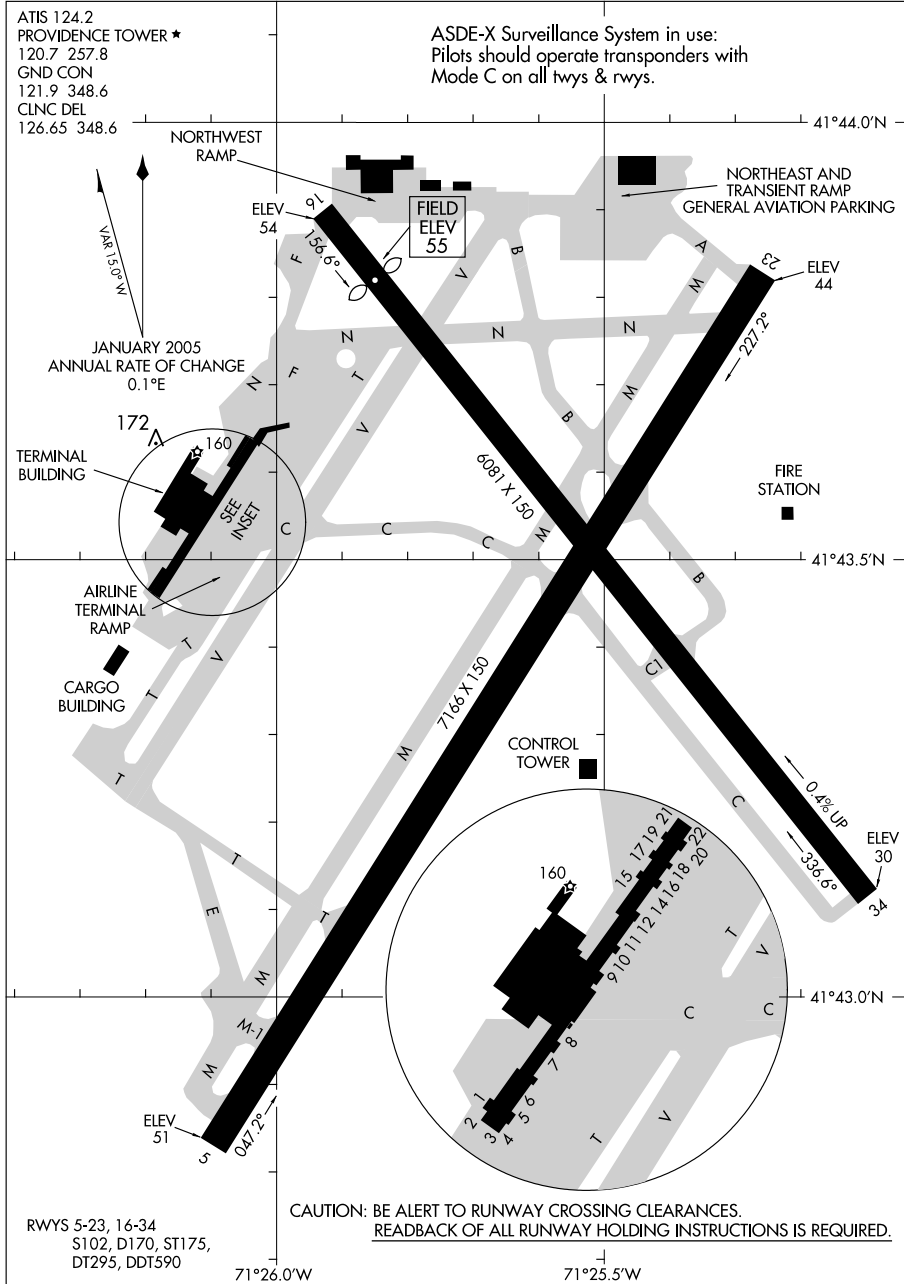
09015

POUGHKEEPSIE, NEW YORK
POUGHKEEPSIE/DUTCHESS COUNTY (POU)

08325

AIRPORT DIAGRAM

PROVIDENCE / THEODORE FRANCIS GREEN STATE (PVD)
AL-333 (FAA) PROVIDENCE, RHODE ISLAND



AIRPORT DIAGRAM

08325

PROVIDENCE, RHODE ISLAND
PROVIDENCE / THEODORE FRANCIS GREEN STATE (PVD)

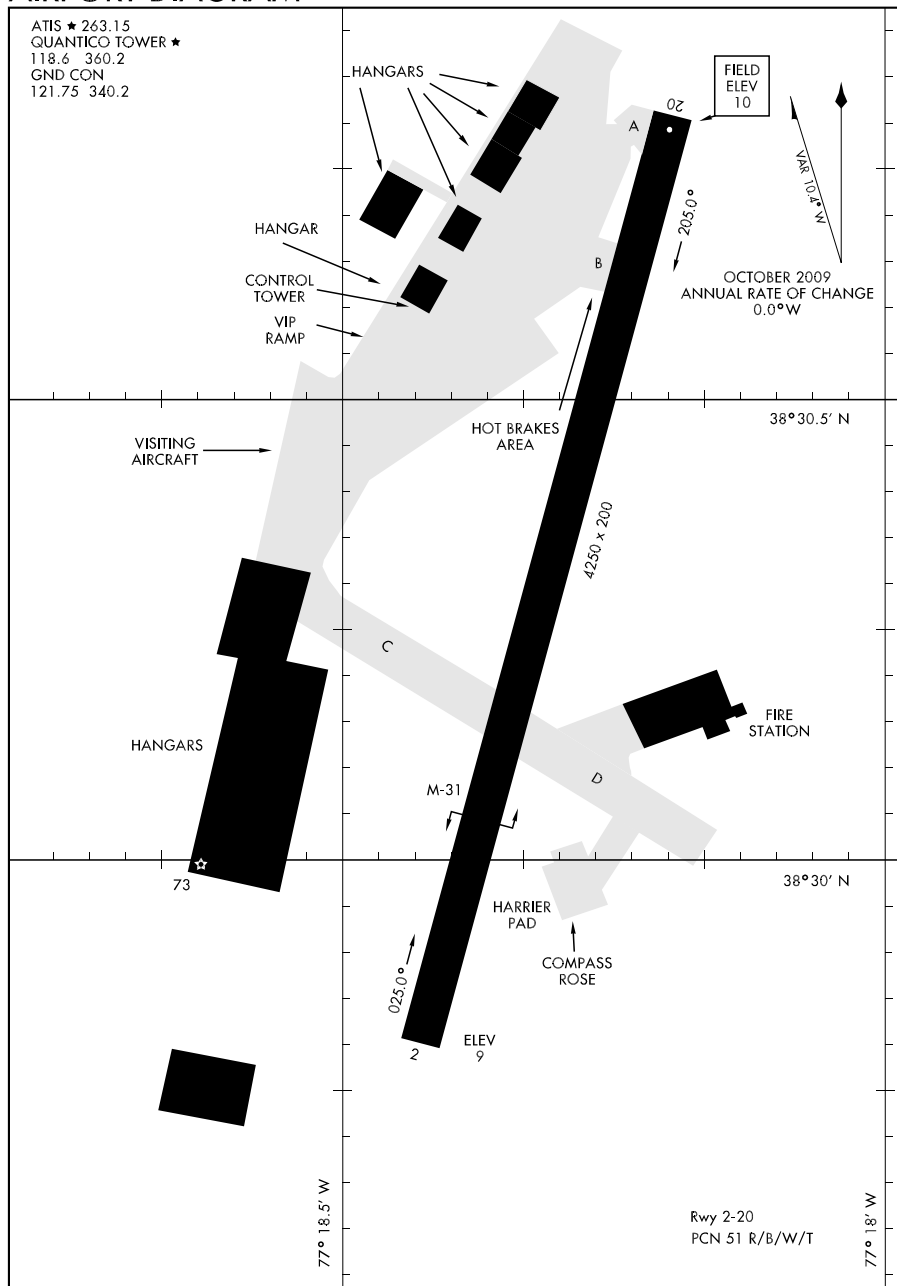
09295

AIRPORT DIAGRAM

AFD-339 [USN]

QUANTICO MCAF (TURNER FIELD) (KNYG)

QUANTICO, VIRGINIA



AIRPORT DIAGRAM

 QUANTICO, VIRGINIA
 QUANTICO MCAF (TURNER FIELD) (KNYG)

07242

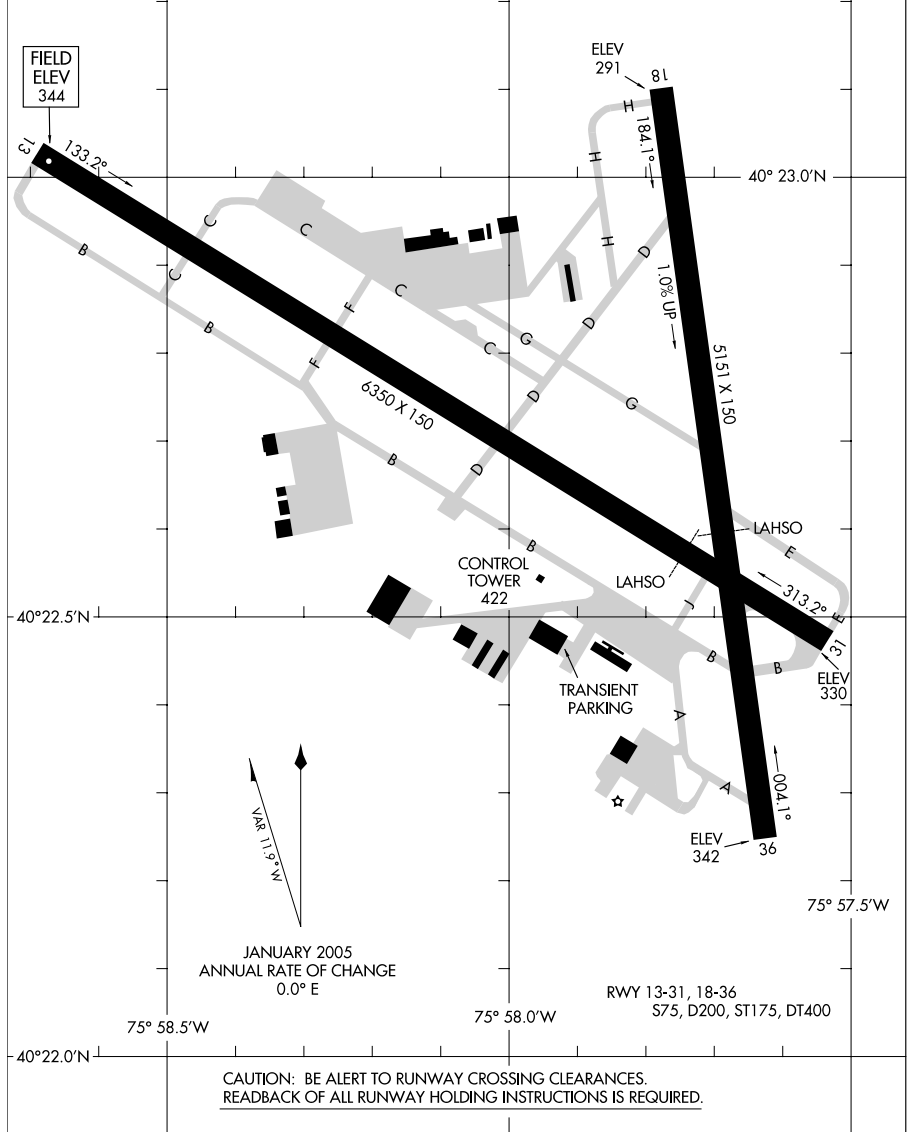
AIRPORT DIAGRAM

READING RGNL / CARL A SPAATZ FIELD (R.DG)

AL-627 (FAA)

READING, PENNSYLVANIA

ATIS 127.1
 READING TOWER ★
 119.9 288.3
 GND CON
 121.9



AIRPORT DIAGRAM

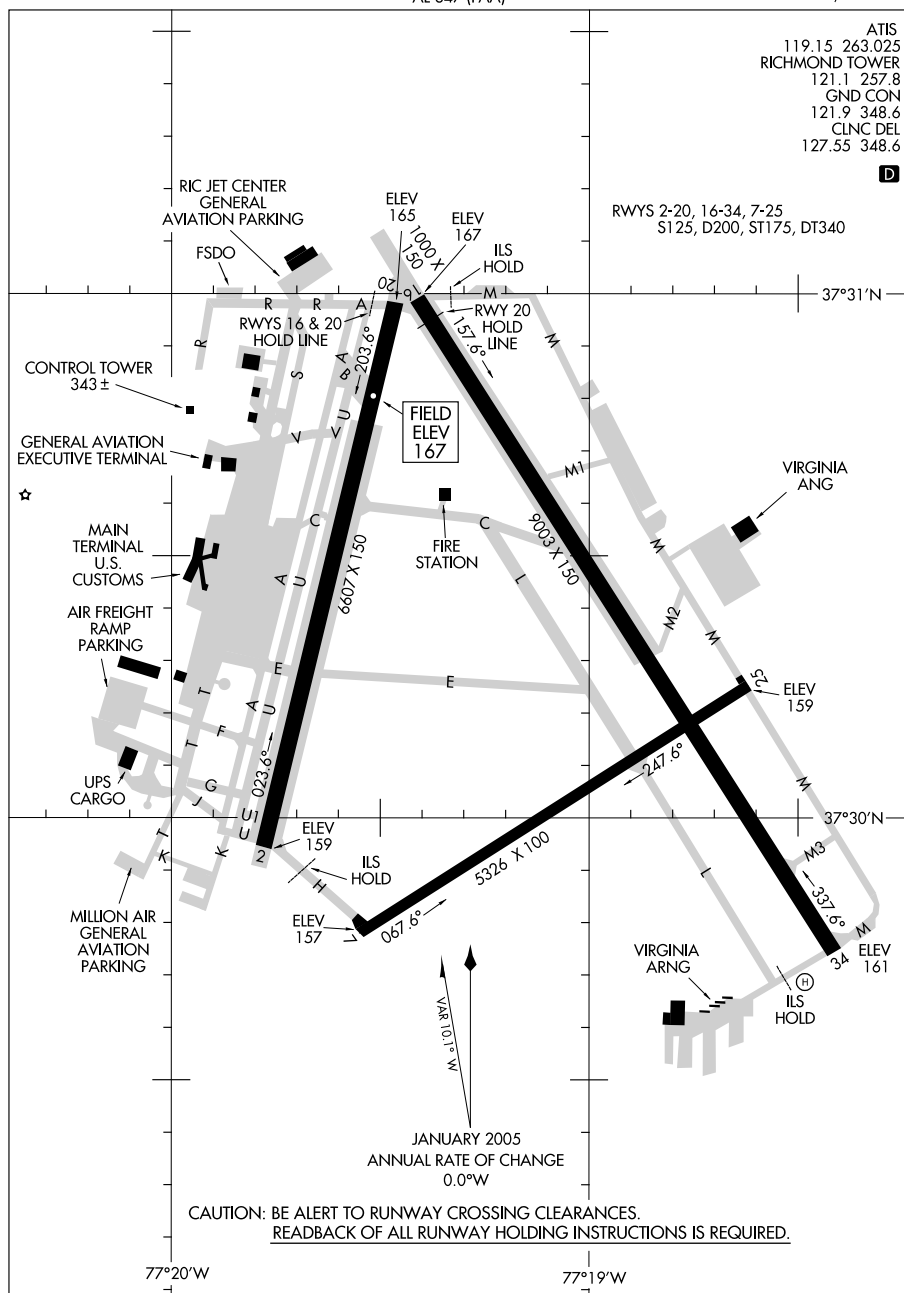
07242

READING, PENNSYLVANIA
 READING RGNL / CARL A SPAATZ FIELD (R.DG)

09295

AIRPORT DIAGRAM

AL-347 (FAA)

 RICHMOND INTL (RIC)
 RICHMOND, VIRGINIA


AIRPORT DIAGRAM

09295

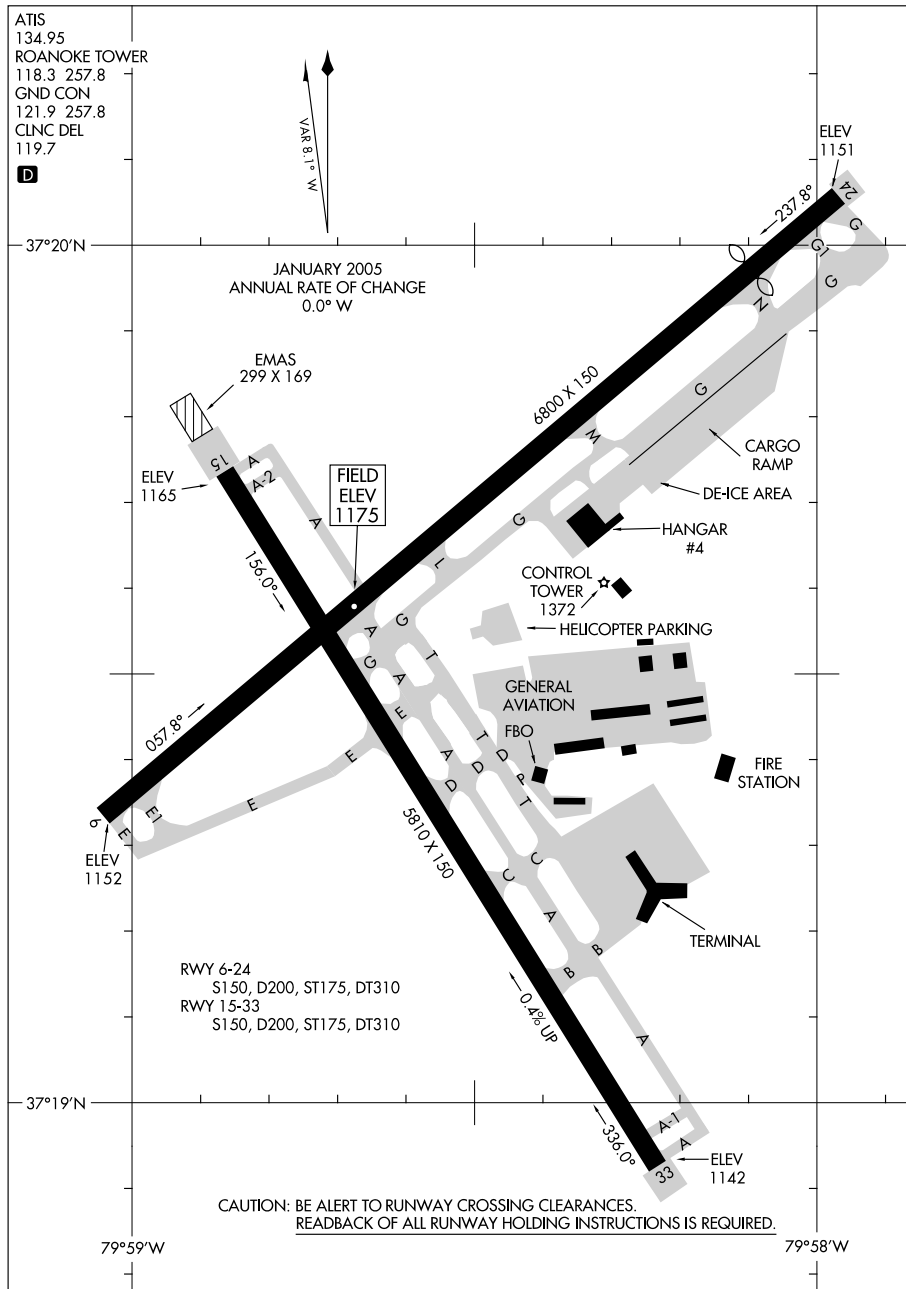
 RICHMOND, VIRGINIA
 RICHMOND INTL (RIC)

09127

AIRPORT DIAGRAM

ROANOKE RGNL/WOODRUM FIELD (ROA)
ROANOKE, VIRGINIA

AL-349 (FAA)



AIRPORT DIAGRAM

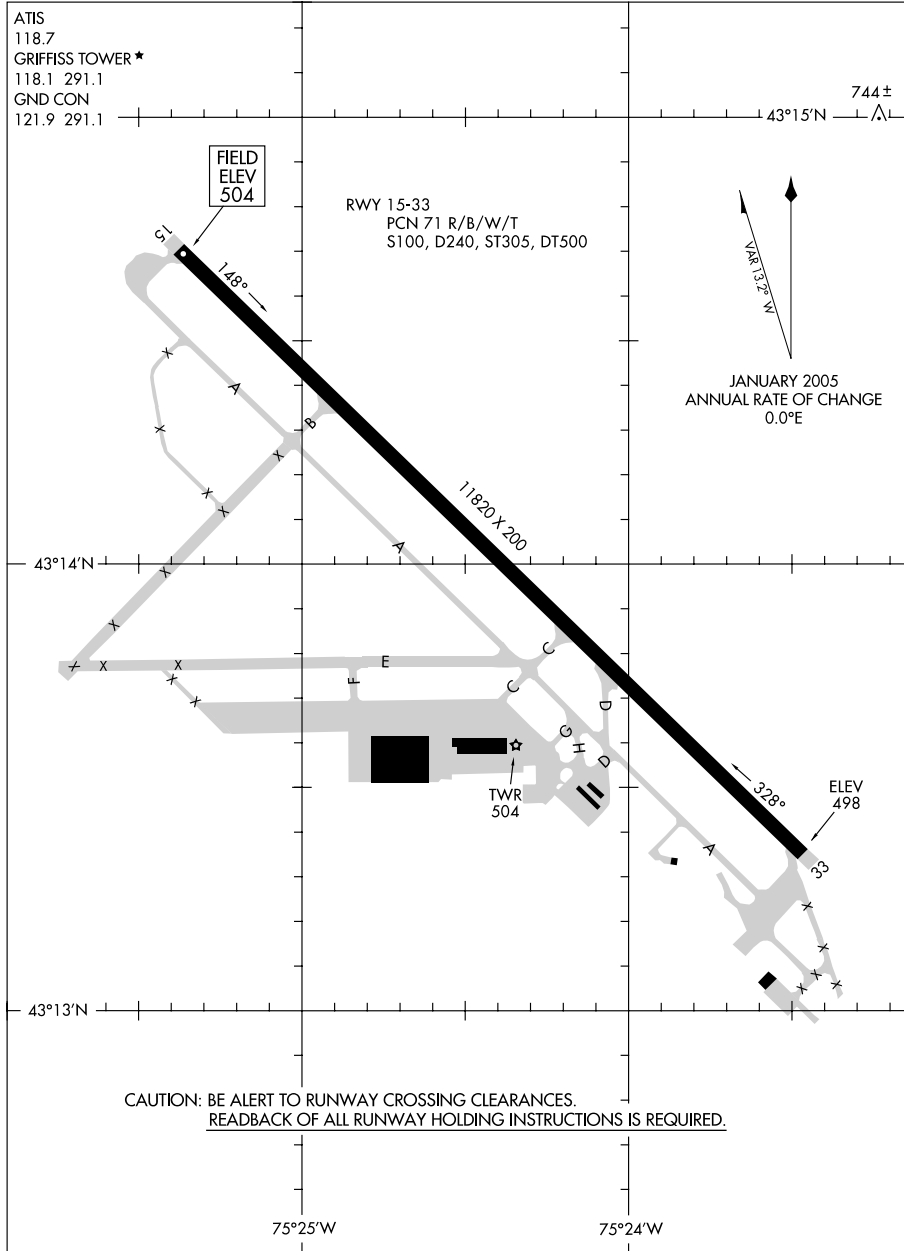
ROANOKE, VIRGINIA
ROANOKE RGNL/WOODRUM FIELD (ROA)

09127

09295

AIRPORT DIAGRAM

AL-9515 (FAA)

ROME/GRIFFISS INTL (RME)
ROME, NEW YORK

AIRPORT DIAGRAM

09295

ROME, NEW YORK
ROME/GRIFFISS INTL (RME)

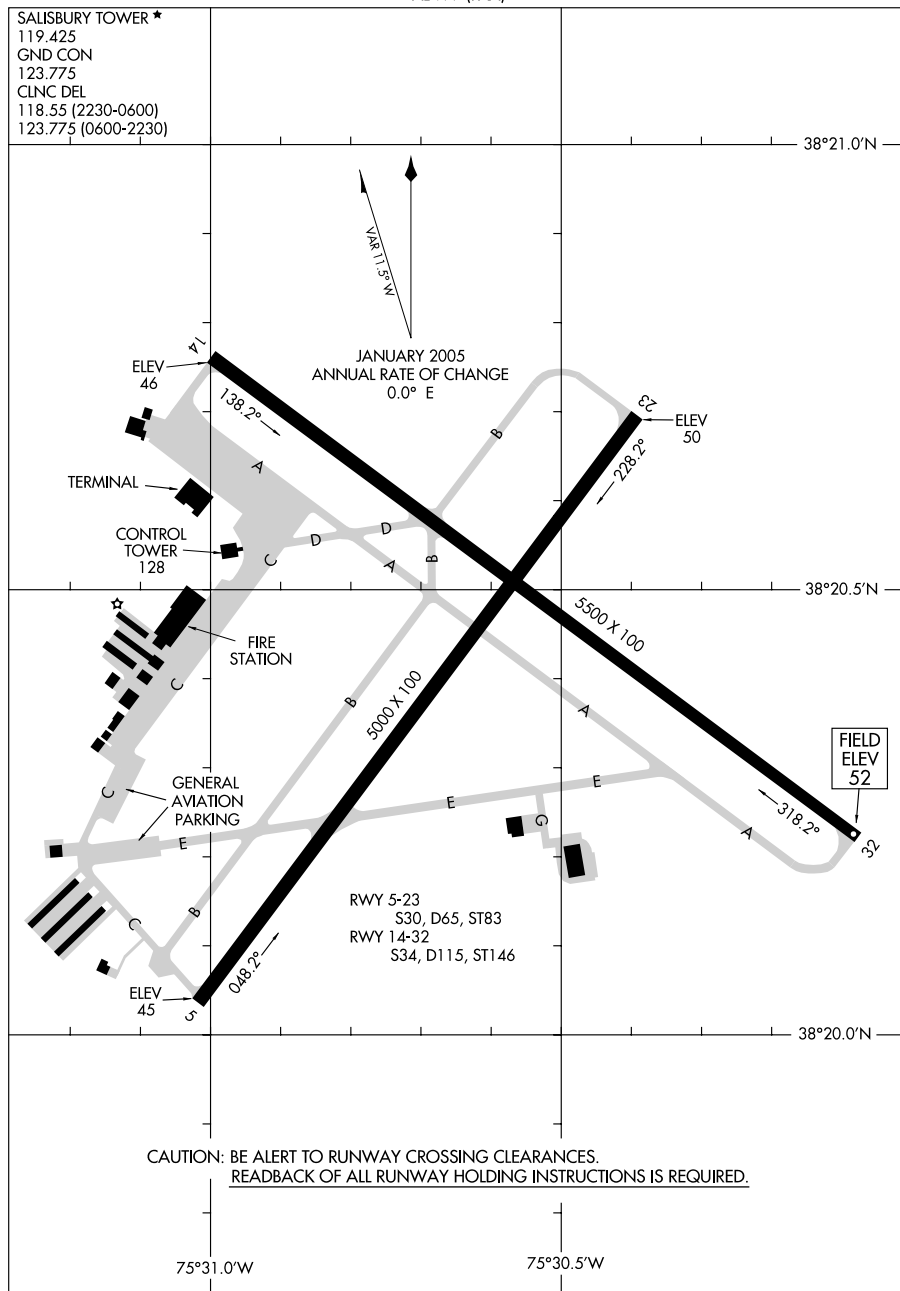
07242

AIRPORT DIAGRAM

SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)

AL-977 (FAA)

SALISBURY, MARYLAND



AIRPORT DIAGRAM

07242

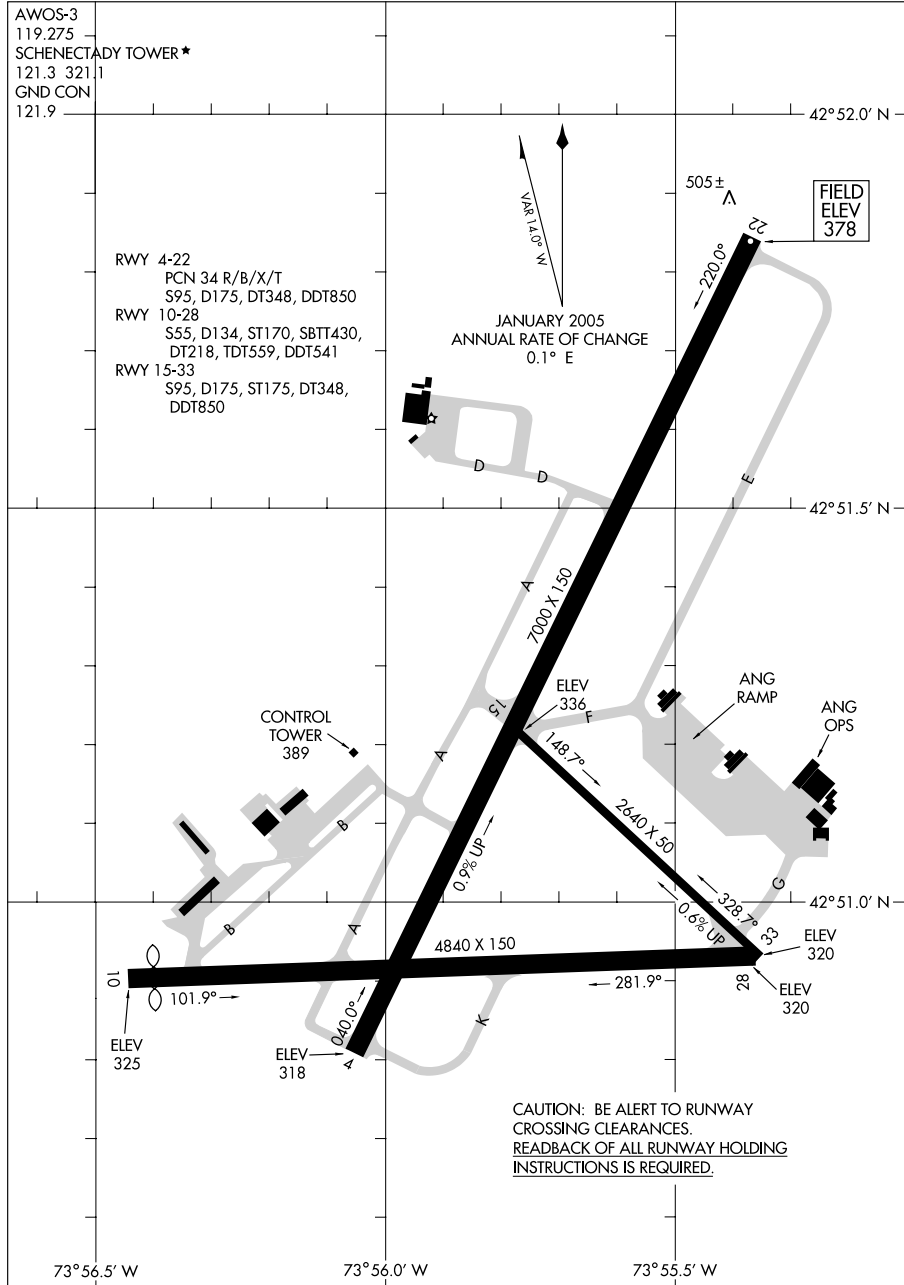
SALISBURY, MARYLAND
SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)

09183

AIRPORT DIAGRAM

AL-382 (FAA)

SCHENECTADY COUNTY (SCH)
SCHENECTADY, NEW YORK



AIRPORT DIAGRAM

09183

SCHENECTADY, NEW YORK
SCHENECTADY COUNTY (SCH)

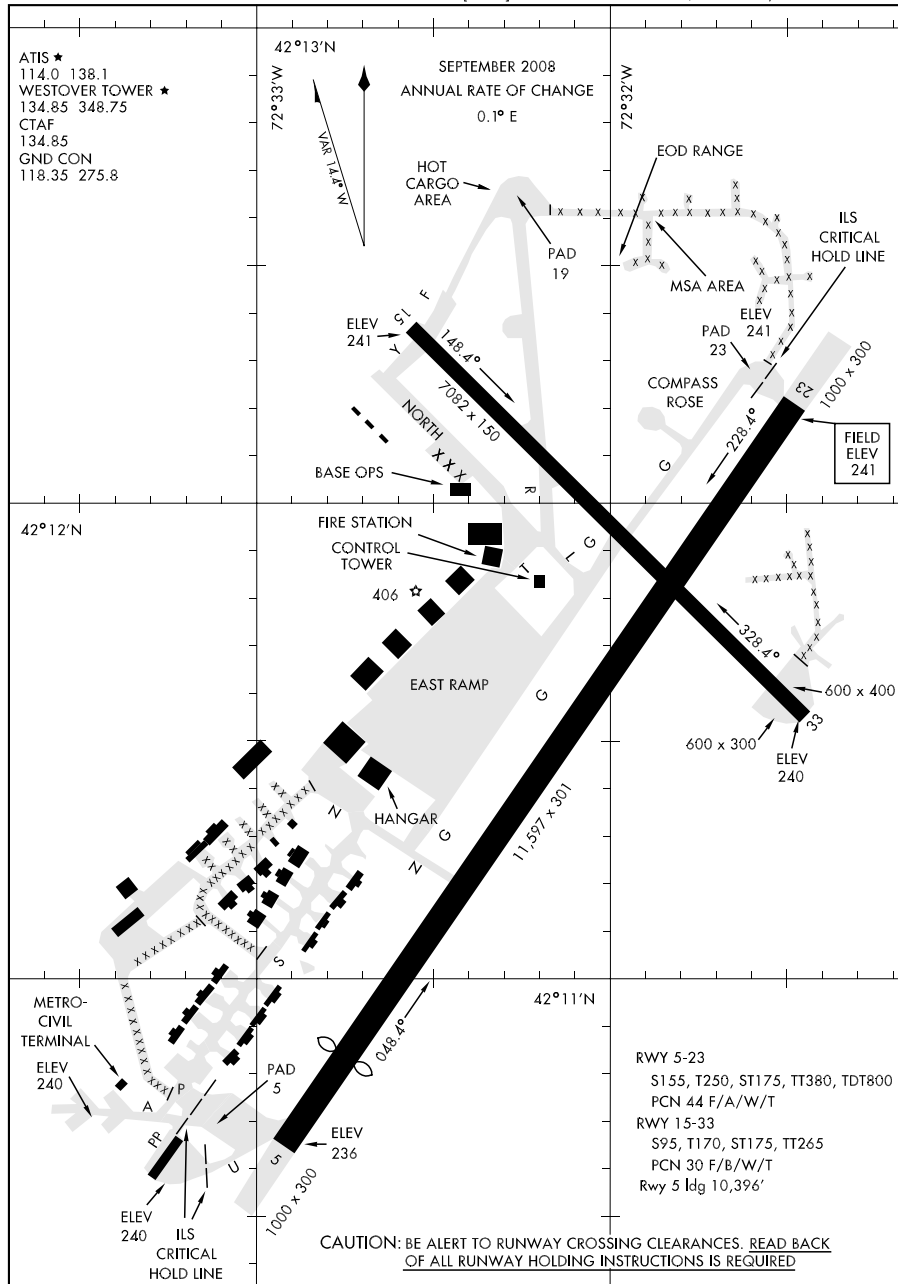
08269

AIRPORT DIAGRAM

AFD-447 [USAF]

WESTOVER ARB/METROPOLITAN (KCEF)

SPRINGFIELD/CHICOPEE, MASSACHUSETTS



AIRPORT DIAGRAM

SPRINGFIELD/CHICOPEE, MASSACHUSETTS
WESTOVER ARB/METROPOLITAN (KCEF)

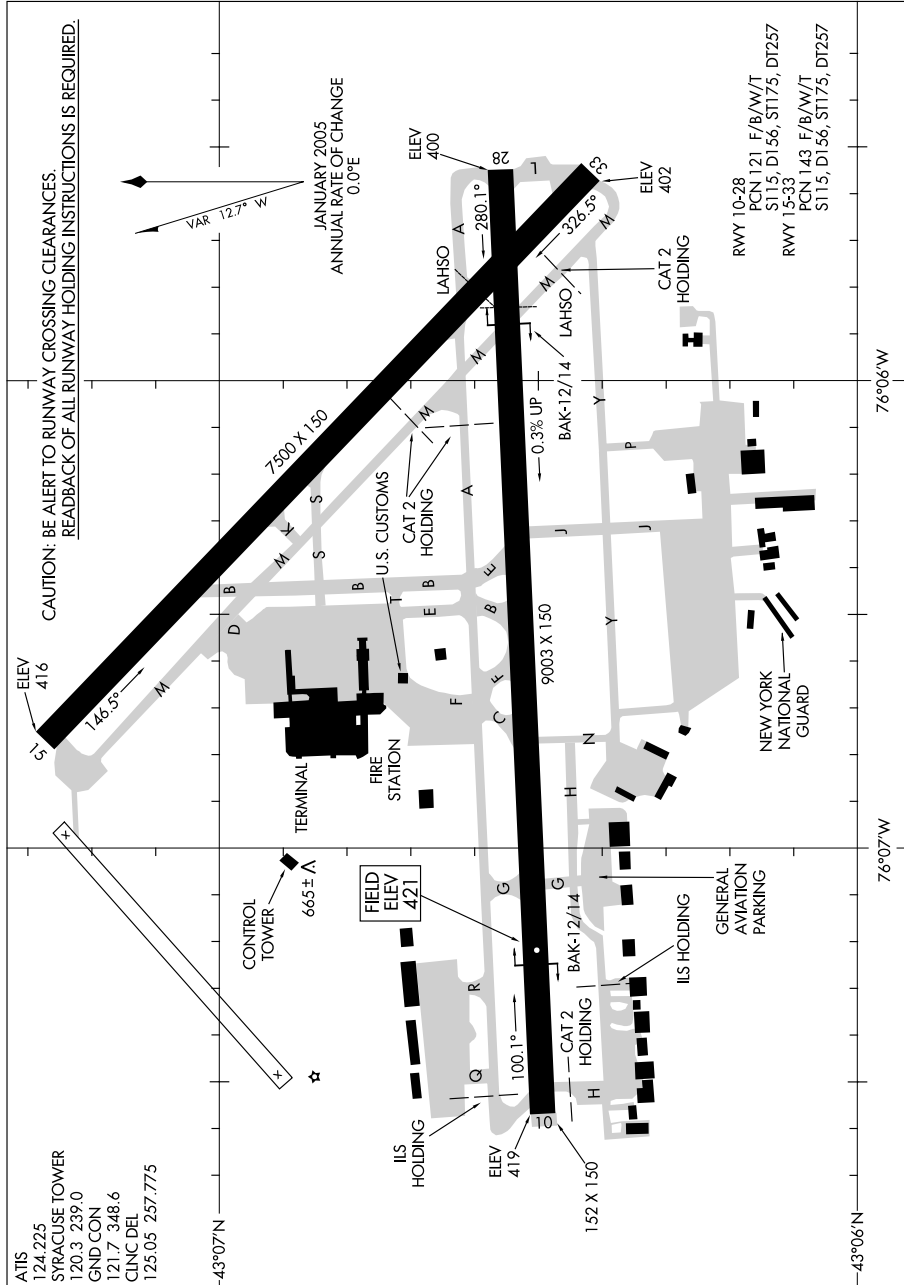
09239

AIRPORT DIAGRAM

AL-411 (FAA)

SYRACUSE HANCOCK INTL (SYR)

SYRACUSE, NEW YORK



AIRPORT DIAGRAM

09239

SYRACUSE, NEW YORK
SYRACUSE HANCOCK INTL (SYR)

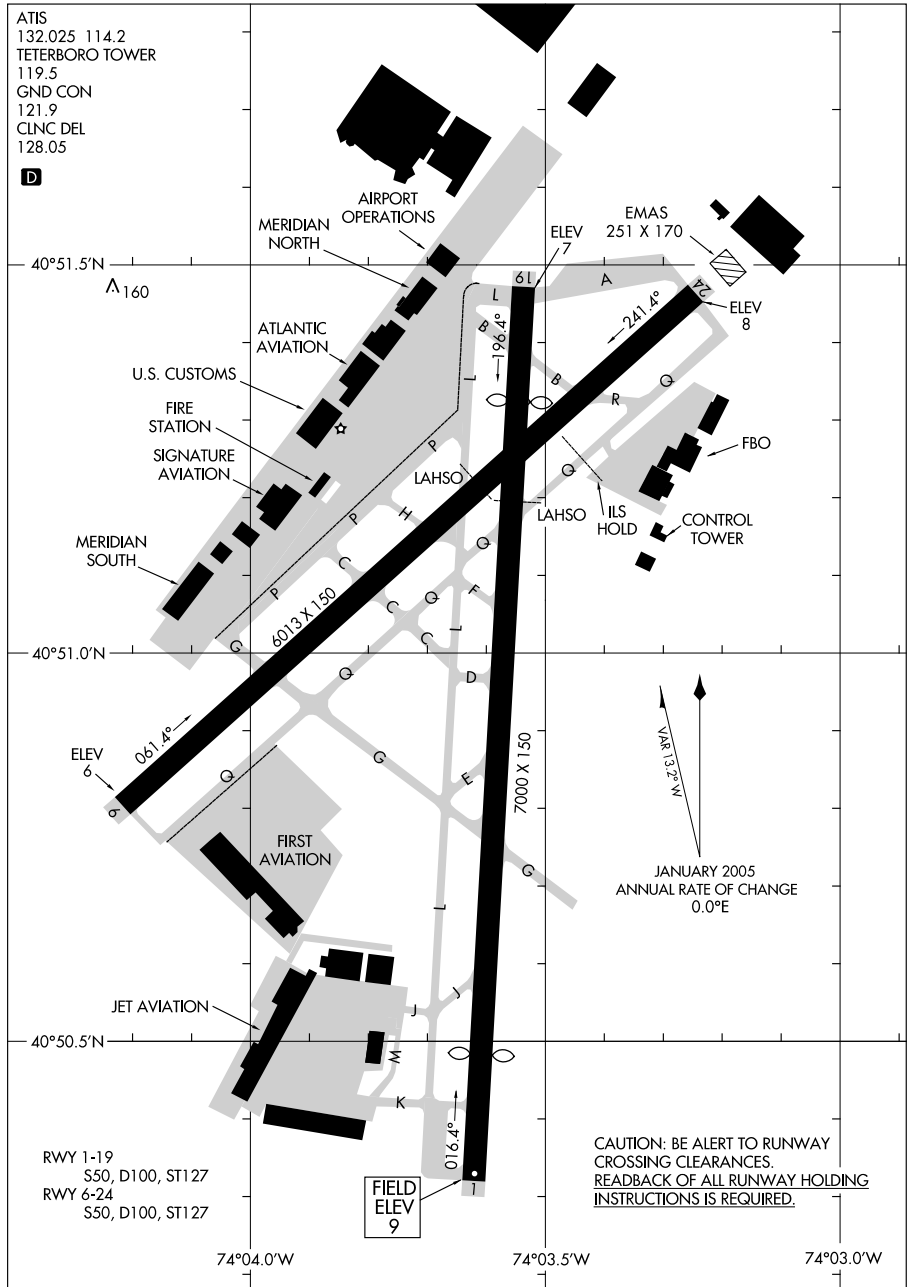
09071

AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)

TETERBORO, NEW JERSEY



AIRPORT DIAGRAM

09071

TETERBORO, NEW JERSEY

TETERBORO (TEB)

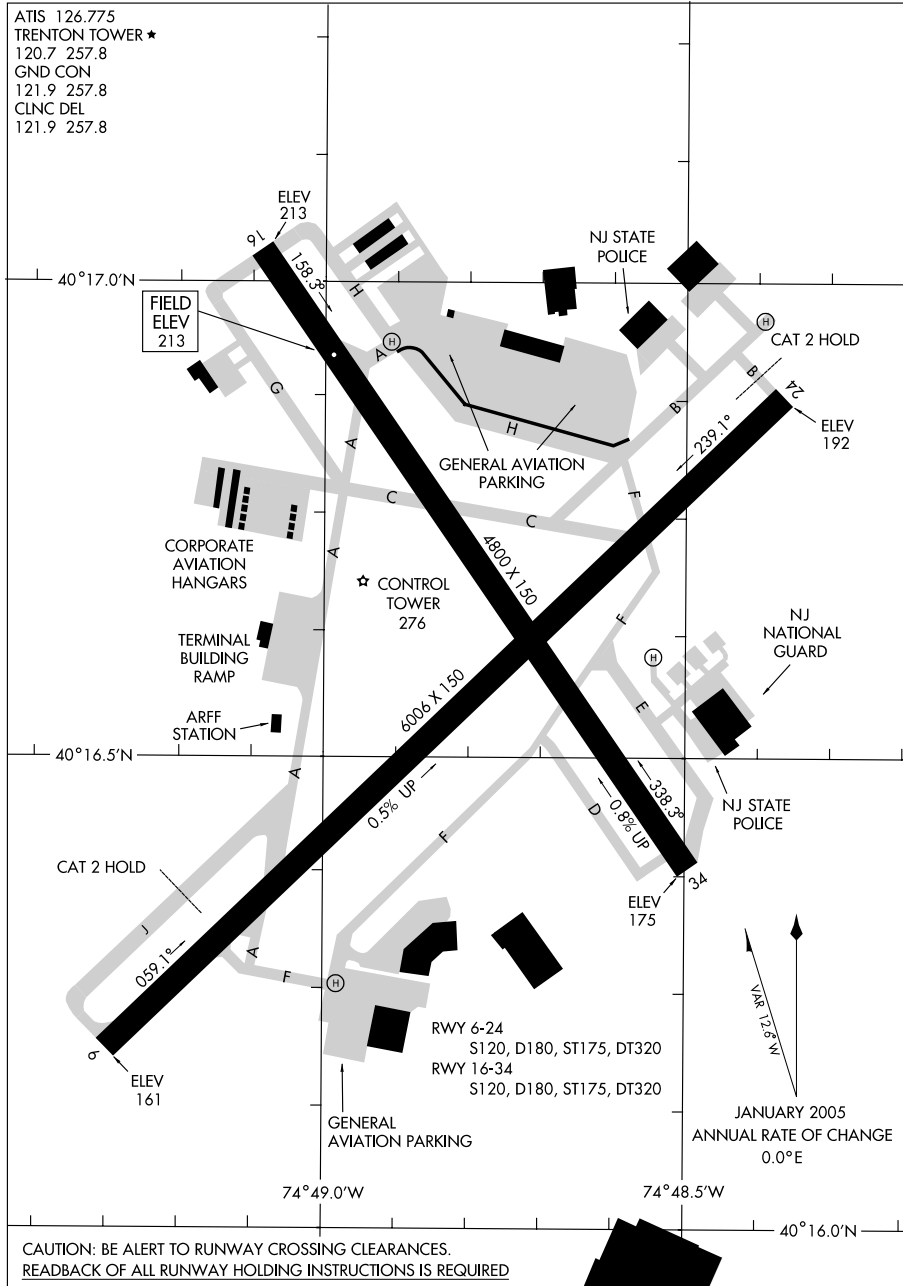
08045

AIRPORT DIAGRAM

AL-982 (FAA)

TRENTON MERCER (TTN)
TRENTON, NEW JERSEY

ATIS 126.775
TRENTON TOWER ★
120.7 257.8
GND CON
121.9 257.8
CLNC DEL
121.9 257.8



AIRPORT DIAGRAM

08045

TRENTON, NEW JERSEY
TRENTON MERCER (TTN)

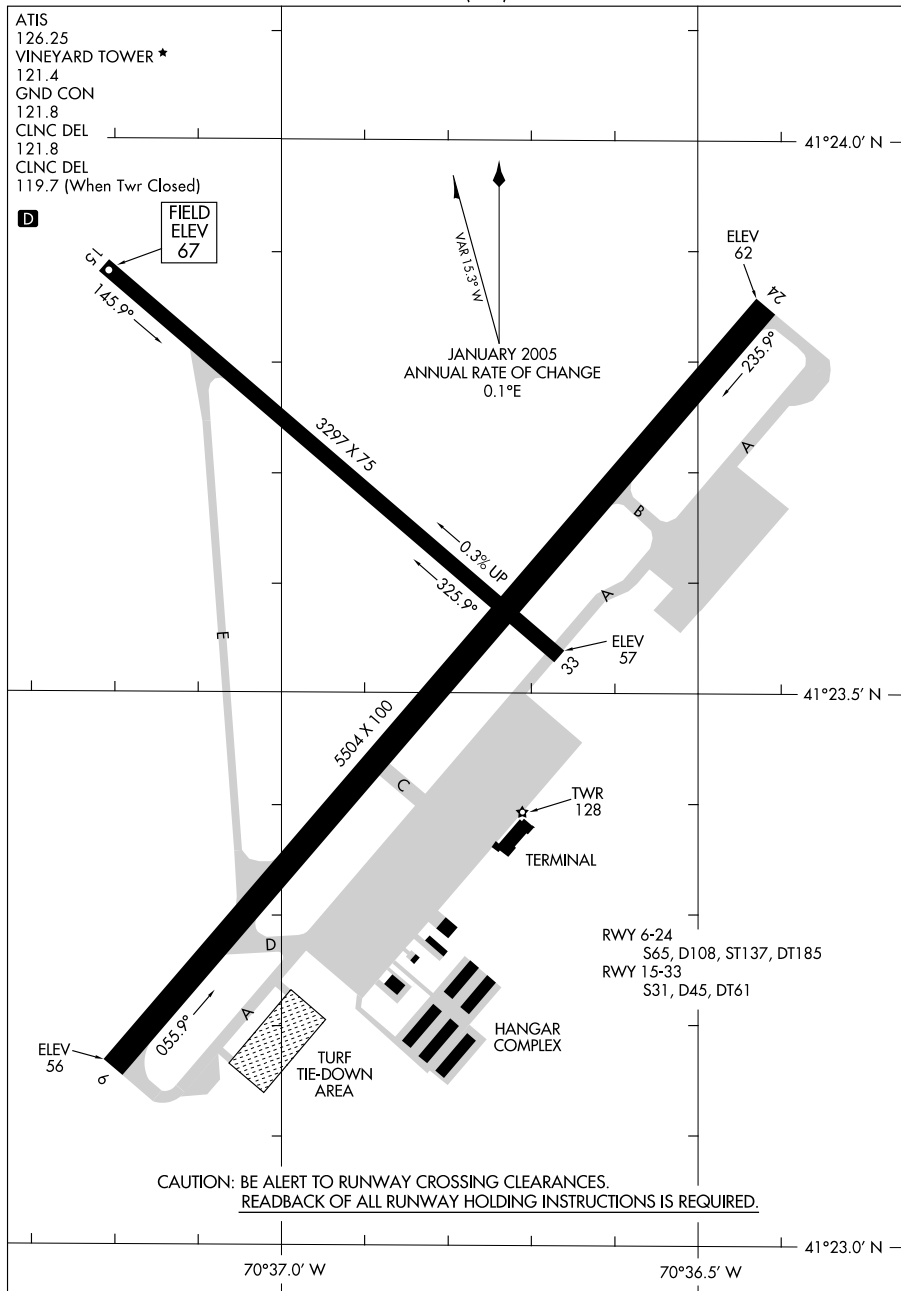
09239

AIRPORT DIAGRAM

VINEYARD HAVEN / MARTHAS VINEYARD (MVY)

AL-694 (FAA)

VINEYARD HAVEN, MASSACHUSETTS



AIRPORT DIAGRAM

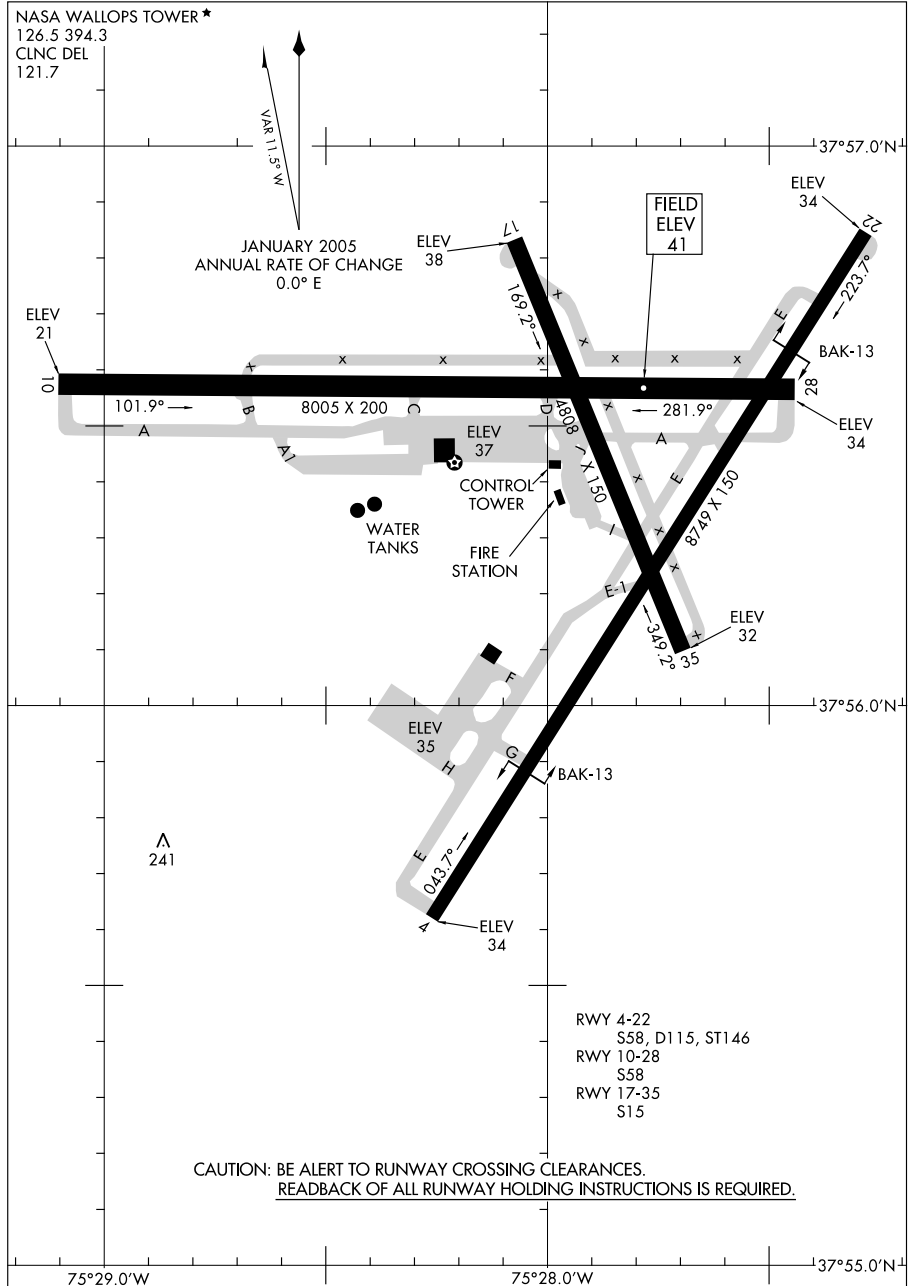
09239

VINEYARD HAVEN, MASSACHUSETTS
VINEYARD HAVEN / MARTHAS VINEYARD (MVY)

06327

AIRPORT DIAGRAM

AL-639 (FAA)

WALLOPS FLIGHT FACILITY (WAL)
WALLOPS ISLAND, VIRGINIA

AIRPORT DIAGRAM

06327

WALLOPS ISLAND, VIRGINIA
WALLOPS FLIGHT FACILITY (WAL)

09239

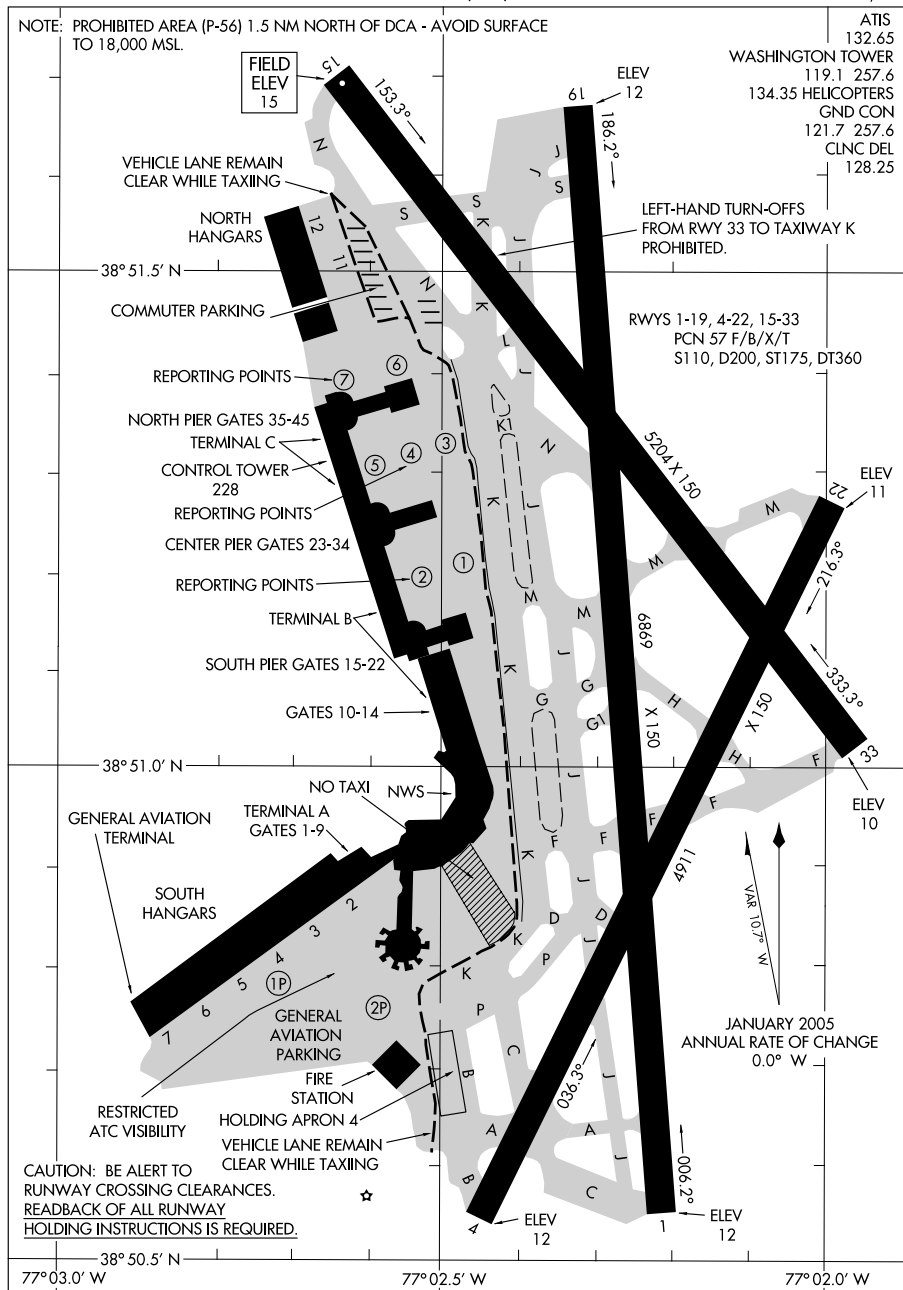
AIRPORT DIAGRAM

WASHINGTON / RONALD REAGAN WASHINGTON NATIONAL (DCA)

AL-443 (FAA)

WASHINGTON, D.C.

NOTE: PROHIBITED AREA (P-56) 1.5 NM NORTH OF DCA - AVOID SURFACE TO 18,000 MSL.



AIRPORT DIAGRAM

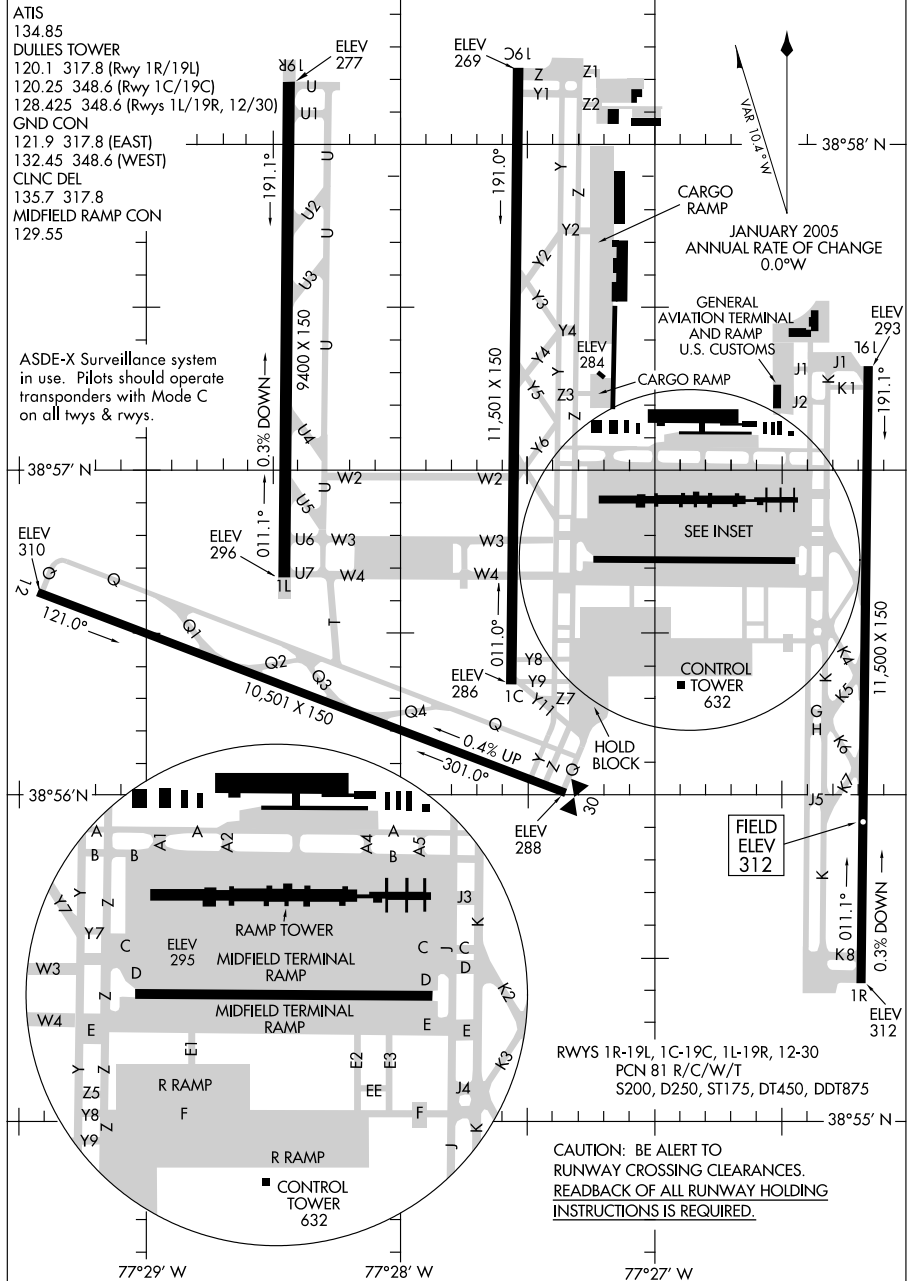
09239

WASHINGTON, D.C.
WASHINGTON / RONALD REAGAN WASHINGTON NATIONAL (DCA)

09295

AIRPORT DIAGRAM

AL-5100 (FAA)

WASHINGTON DULLES INTL (IAD)
WASHINGTON, DC

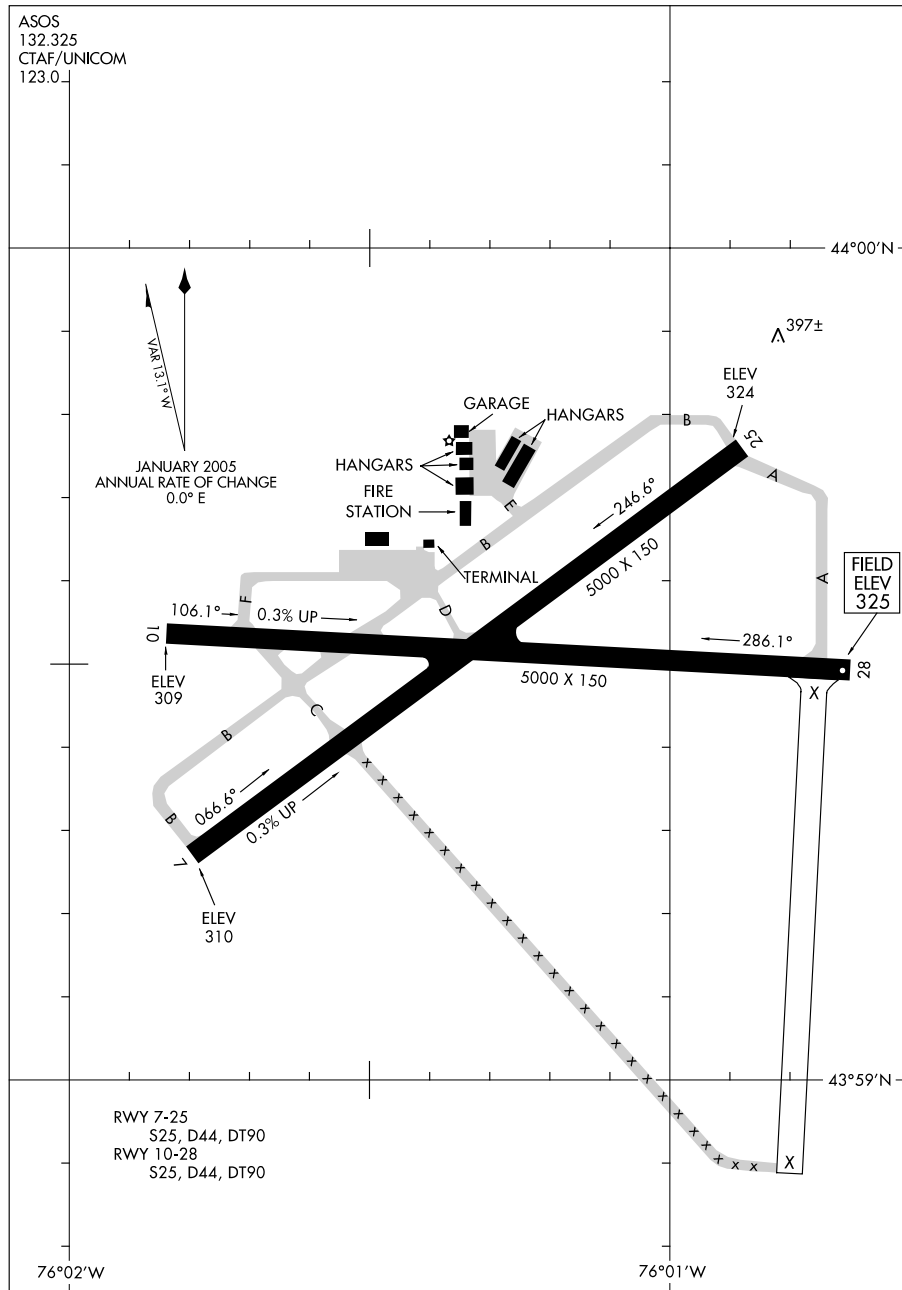
09127

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (ART)

WATERTOWN, NEW YORK



AIRPORT DIAGRAM

09127

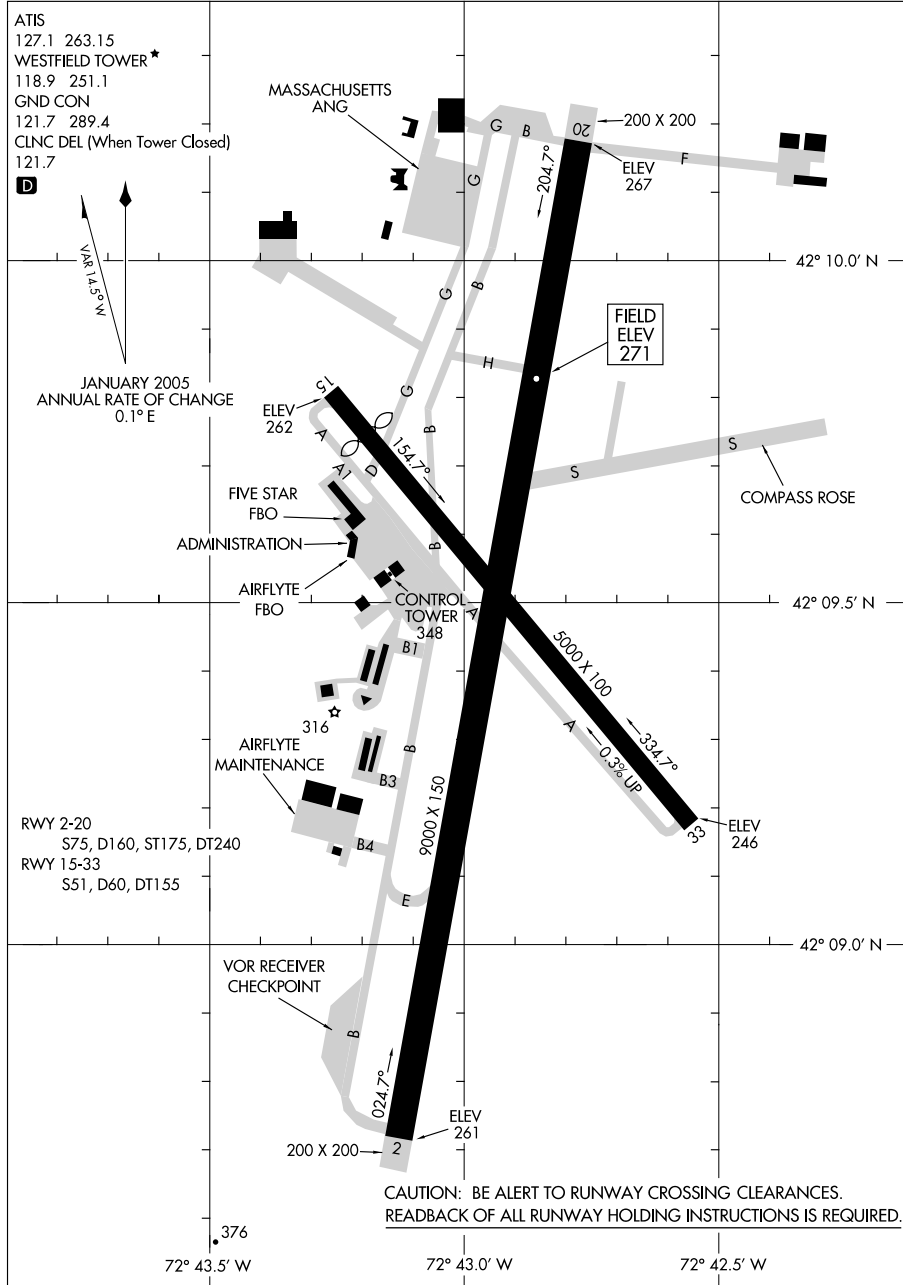
WATERTOWN, NEW YORK
WATERTOWN INTL (ART)

NE, 22 OCT 2009 to 17 DEC 2009

09239

AIRPORT DIAGRAM

AL-446 (FAA)

WESTFIELD/BARNES MUNI (BAF)
WESTFIELD/SPRINGFIELD, MASSACHUSETTS

AIRPORT DIAGRAM

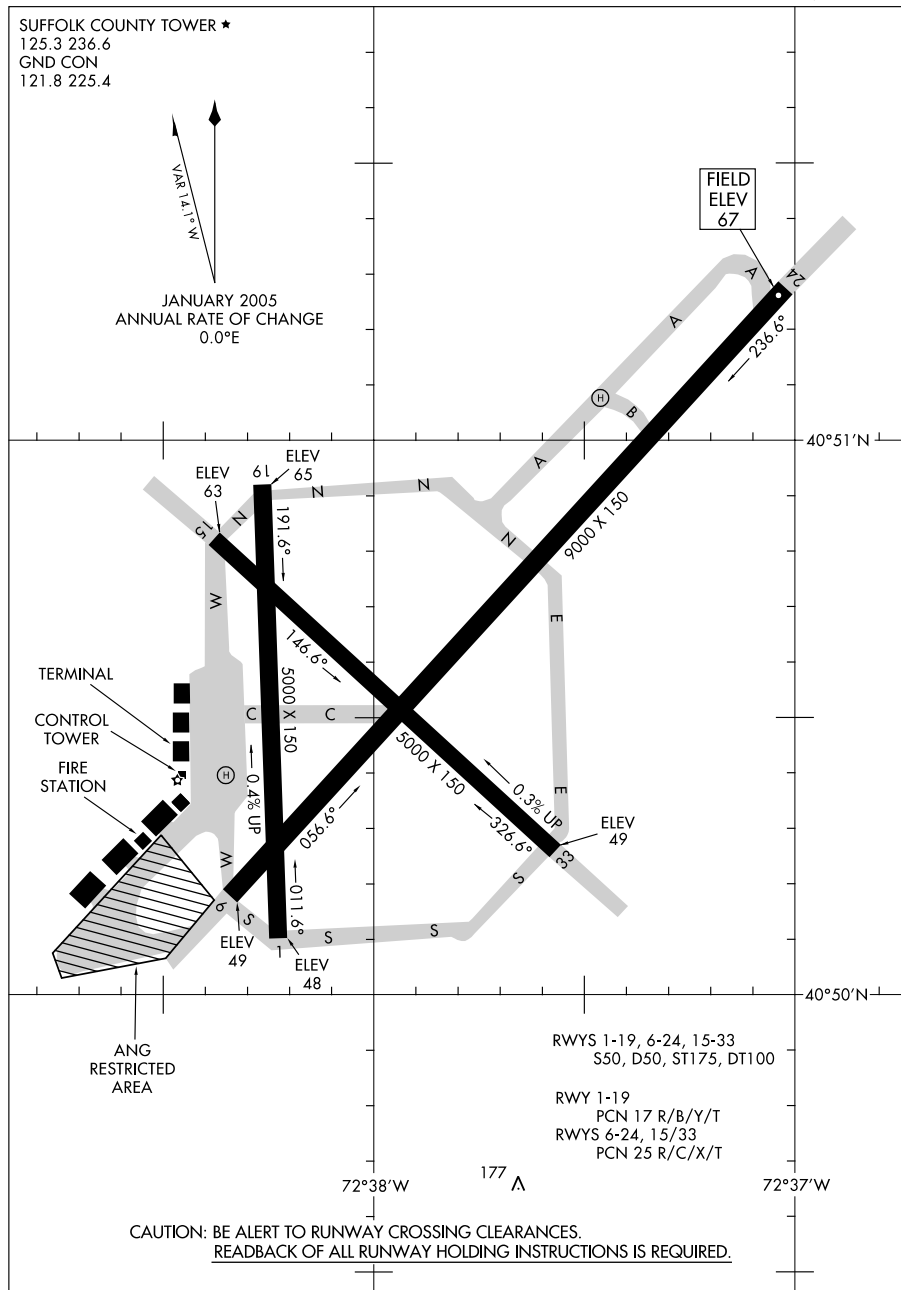
09239

WESTFIELD/SPRINGFIELD, MASSACHUSETTS
WESTFIELD/BARNES MUNI (BAF)

08045

AIRPORT DIAGRAM

WESTHAMPTON BEACH/ FRANCIS S. GABRESKI (F'OK)
AL-996 (FAA) WESTHAMPTON BEACH, NEW YORK



AIRPORT DIAGRAM

08045

WESTHAMPTON BEACH, NEW YORK
WESTHAMPTON BEACH/ FRANCIS S. GABRESKI (F'OK)

FORT DRUM, NEW YORK

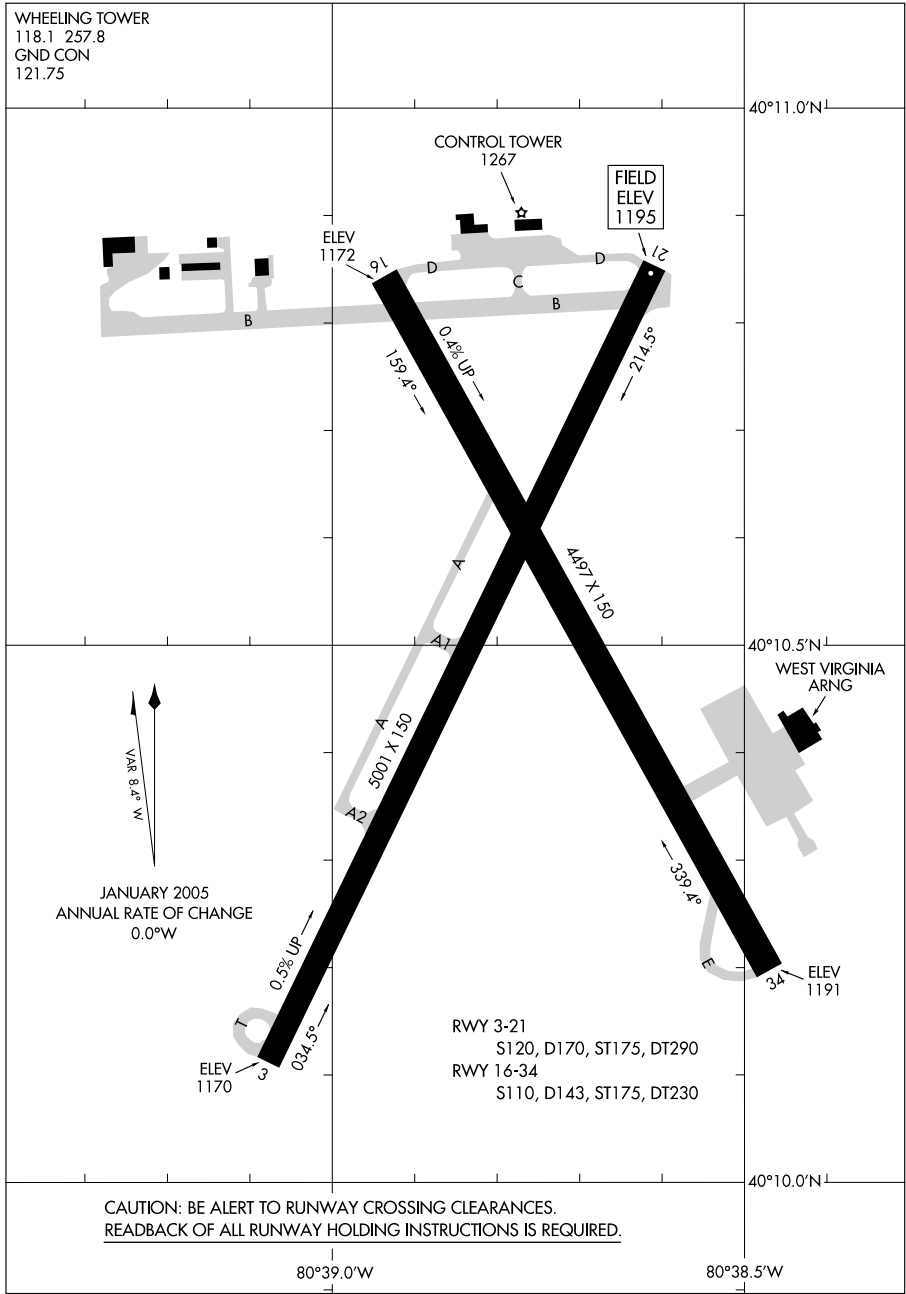


06271

AIRPORT DIAGRAM

AL-650 (FAA)

WHEELING OHIO COUNTY (HLG)
WHEELING, WEST VIRGINIA



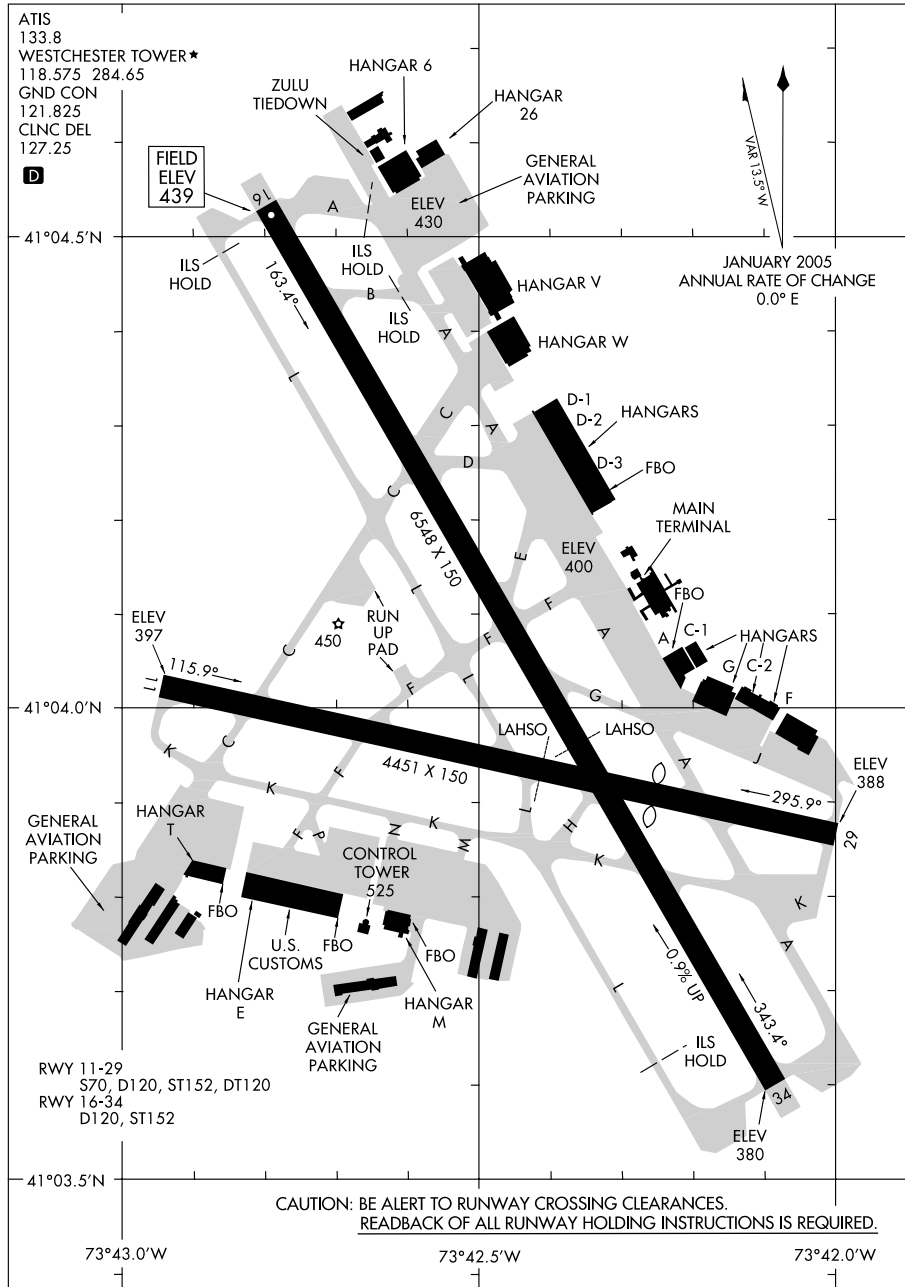
AIRPORT DIAGRAM

06271

WHEELING, WEST VIRGINIA
WHEELING OHIO COUNTY (HLG)

09015

AIRPORT DIAGRAM

WHITE PLAINS/WESTCHESTER COUNTY (HPN)
AL-651 (FAA) WHITE PLAINS, NEW YORK

AIRPORT DIAGRAM

09015

WHITE PLAINS, NEW YORK
WHITE PLAINS/WESTCHESTER COUNTY (HPN)

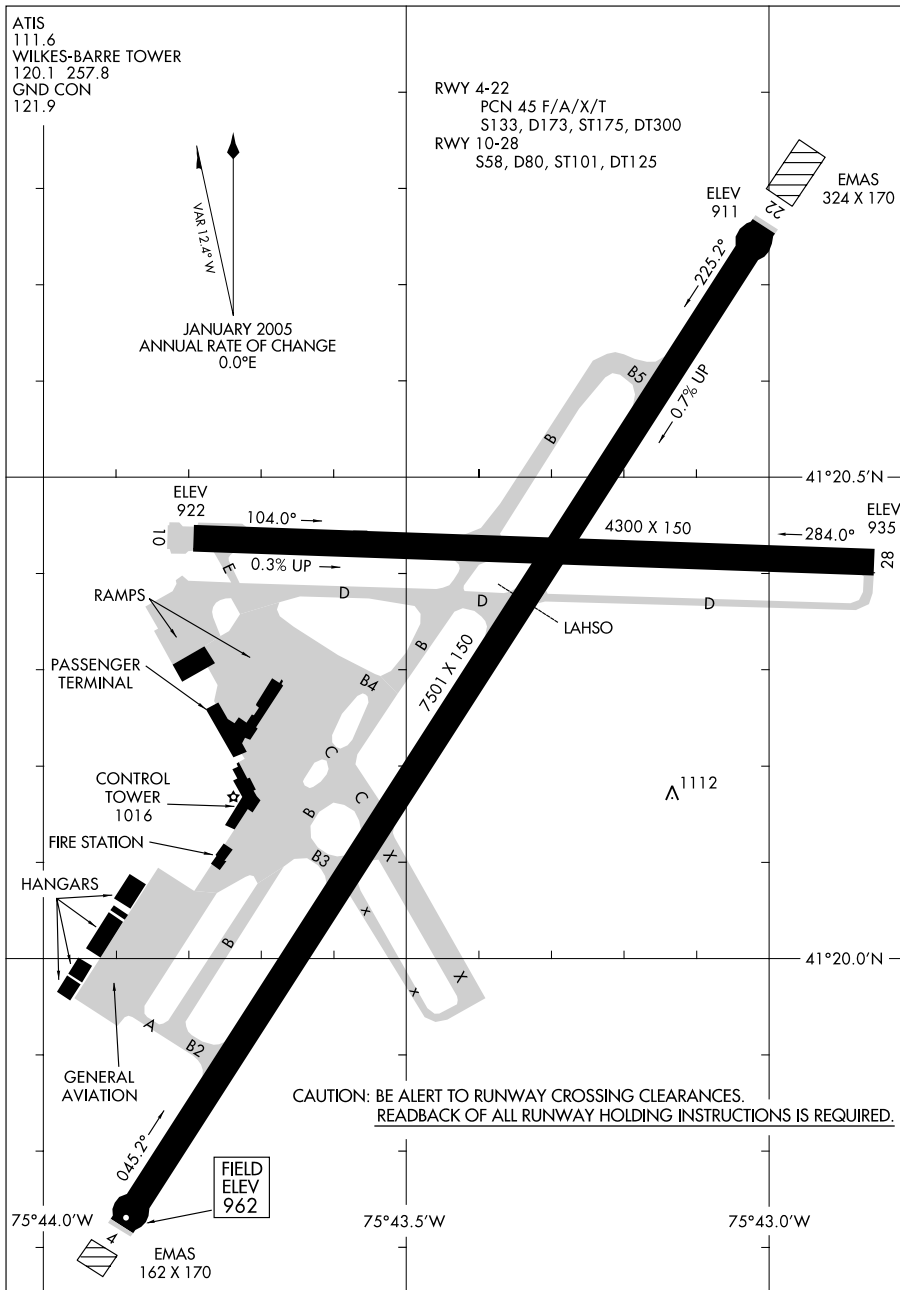
09239

AIRPORT DIAGRAM

AL-661 (FAA)

WILKES-BARRE/SCRANTON INTL (AVP)

WILKES-BARRE/SCRANTON, PENNSYLVANIA



AIRPORT DIAGRAM

09239

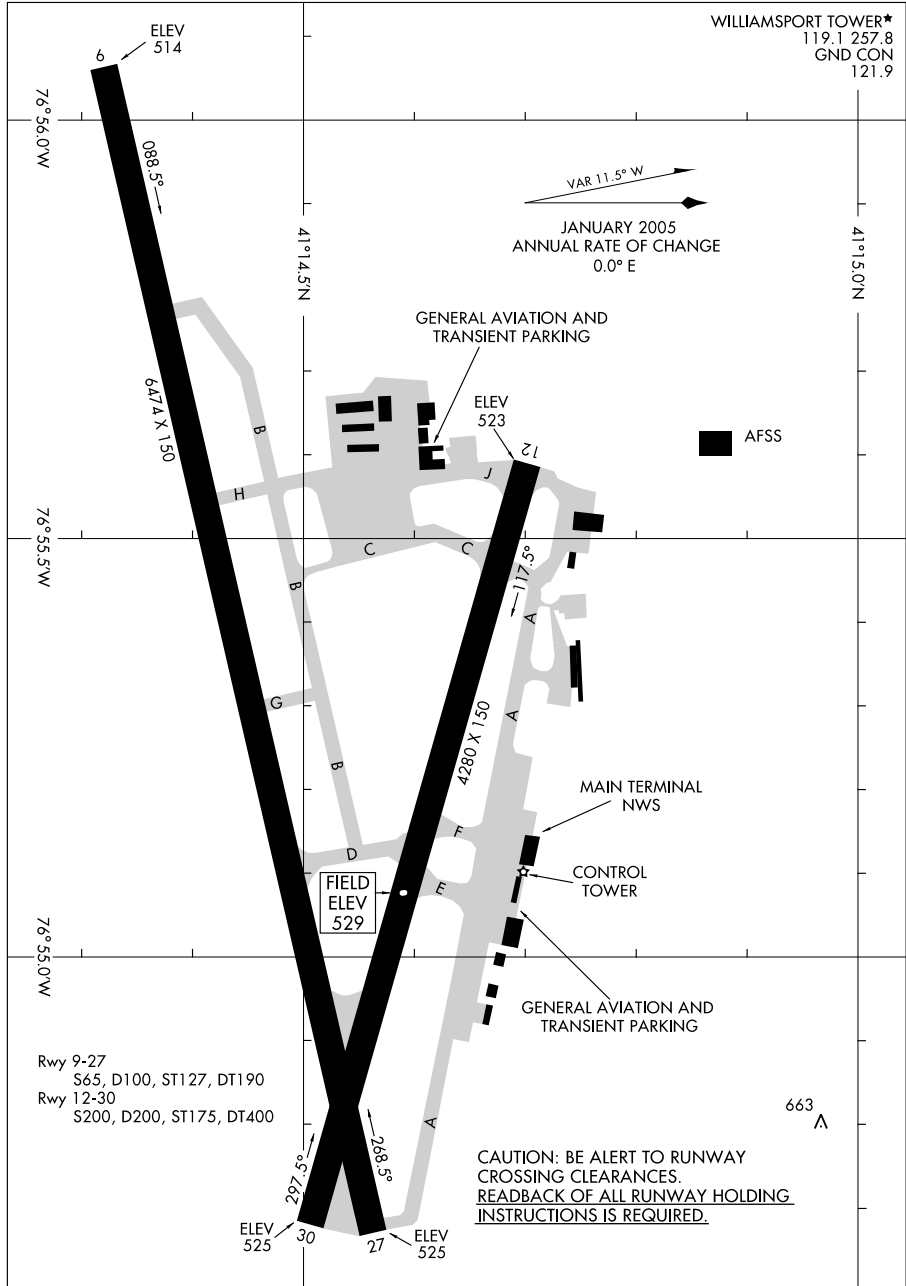
 WILKES-BARRE/SCRANTON, PENNSYLVANIA
 WILKES-BARRE/SCRANTON INTL (AVP)

07242

AIRPORT DIAGRAM

AL-457 (FAA)

WILLIAMSPORT RGNL (IPT)
WILLIAMSPORT, PENNSYLVANIA



AIRPORT DIAGRAM

07242

WILLIAMSPORT, PENNSYLVANIA
WILLIAMSPORT RGNL (IPT)

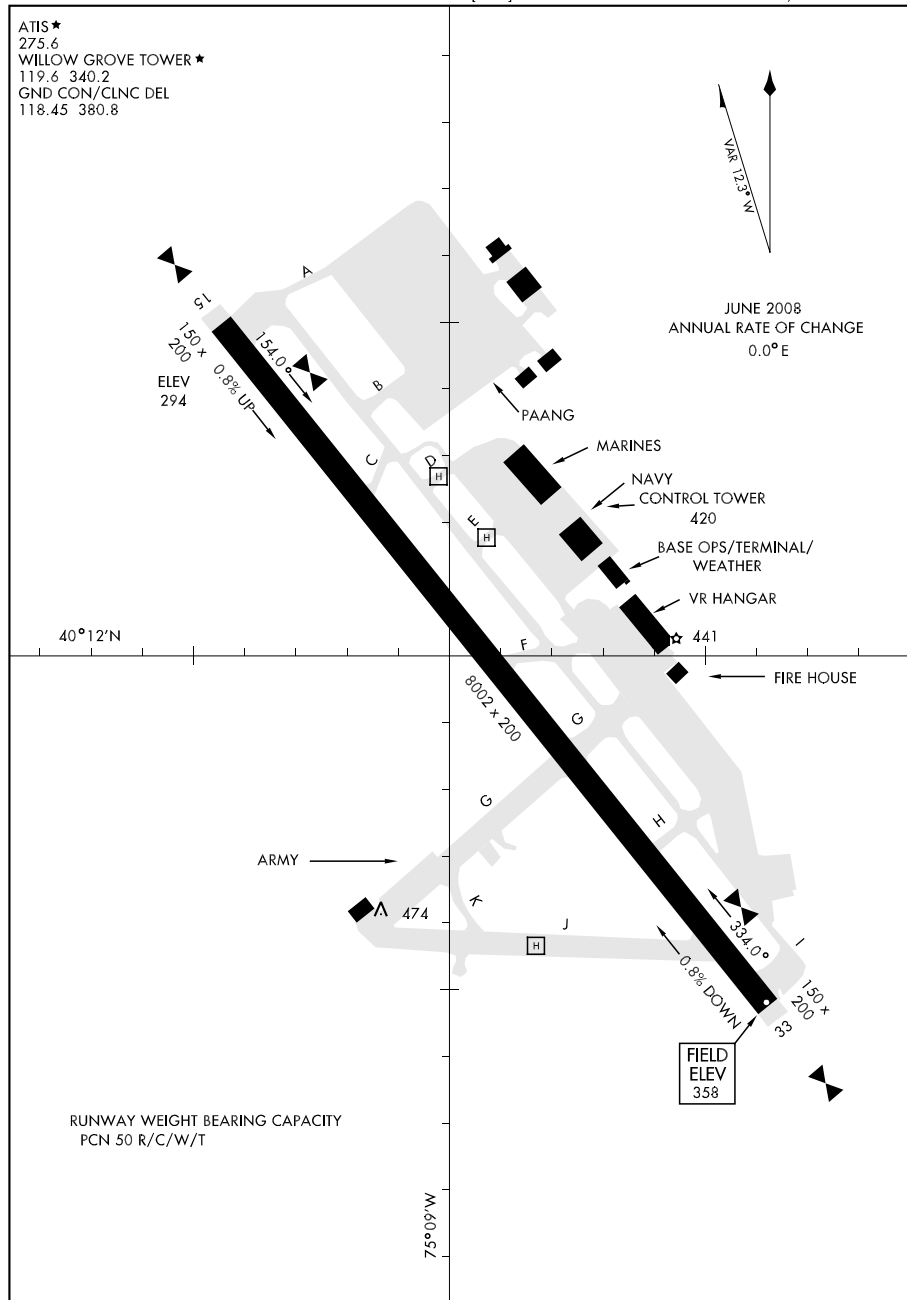
08213

AIRPORT DIAGRAM

AFD-598 [USN]

WILLOW GROVE NAS JRB (KNXX)

WILLOW GROVE, PENNSYLVANIA

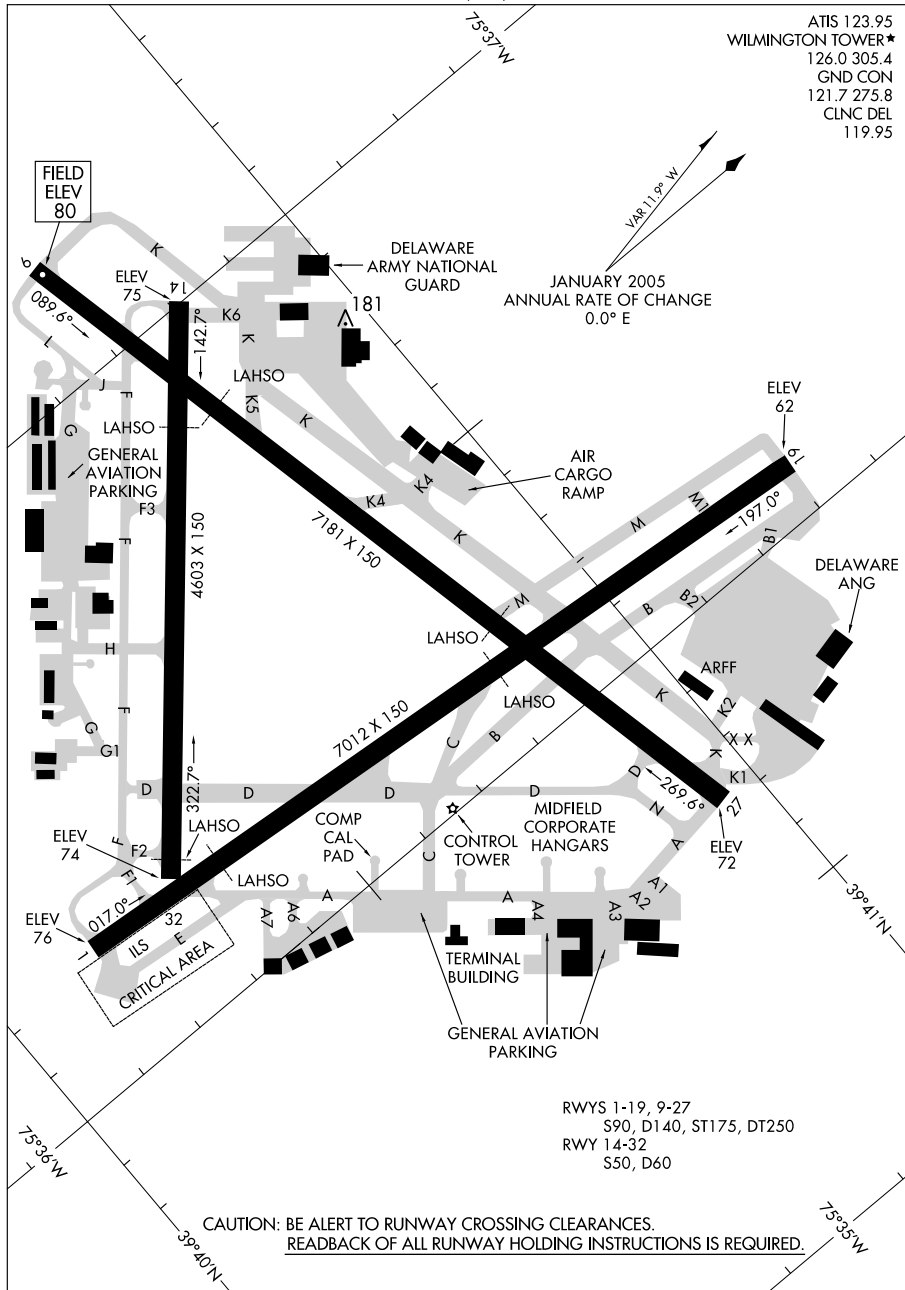


AIRPORT DIAGRAM

WILLOW GROVE, PENNSYLVANIA
WILLOW GROVE NAS JRB (KNXX)

AIRPORT DIAGRAM

ATIS 123.95
 TOWER★
 126.0 305.4
 GND CON
 121.7 275.8
 CLNC DEL
 119.95



AIRPORT DIAGRAM

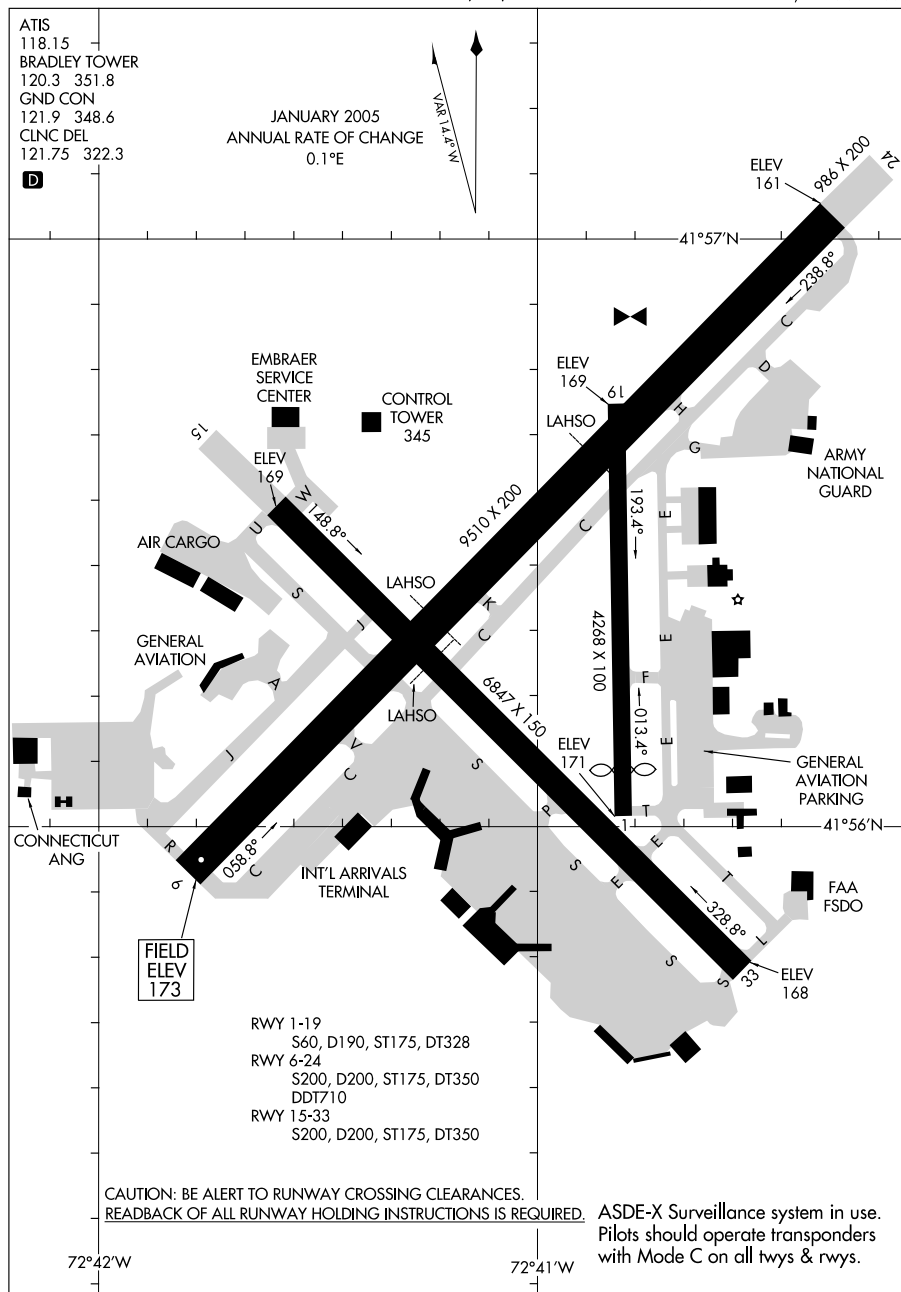
WILMINGTON, DELAWARE
WILMINGTON/ NEW CASTLE (ILG)

09239

AIRPORT DIAGRAM

WINDSOR LOCKS / BRADLEY INTL (BDL)

WINDSOR LOCKS, CONNECTICUT



AIRPORT DIAGRAM

09239

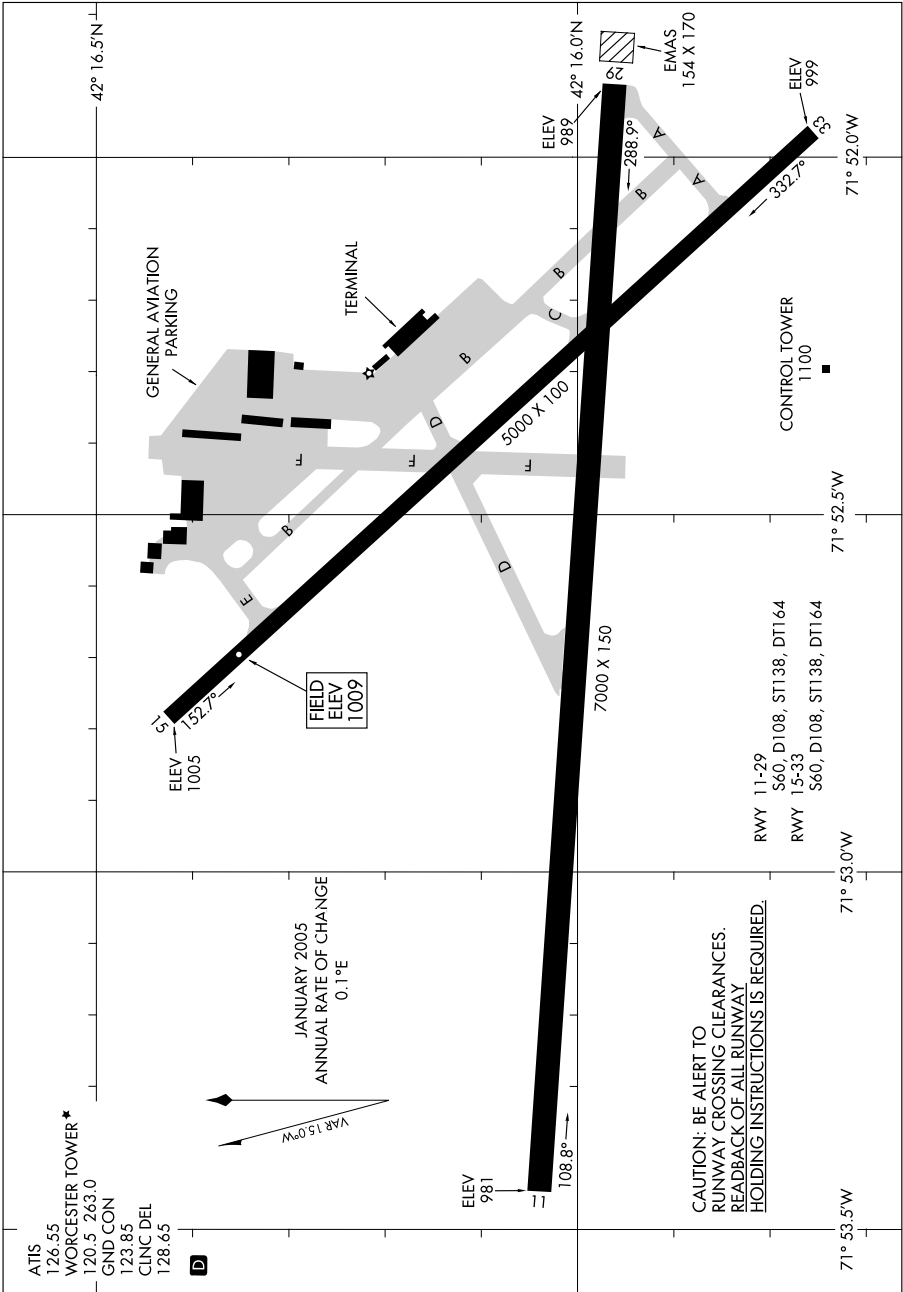
WINDSOR LOCKS, CONNECTICUT

WINDSOR LOCKS / BRADLEY INTL (BDL)

09239
AIRPORT DIAGRAM

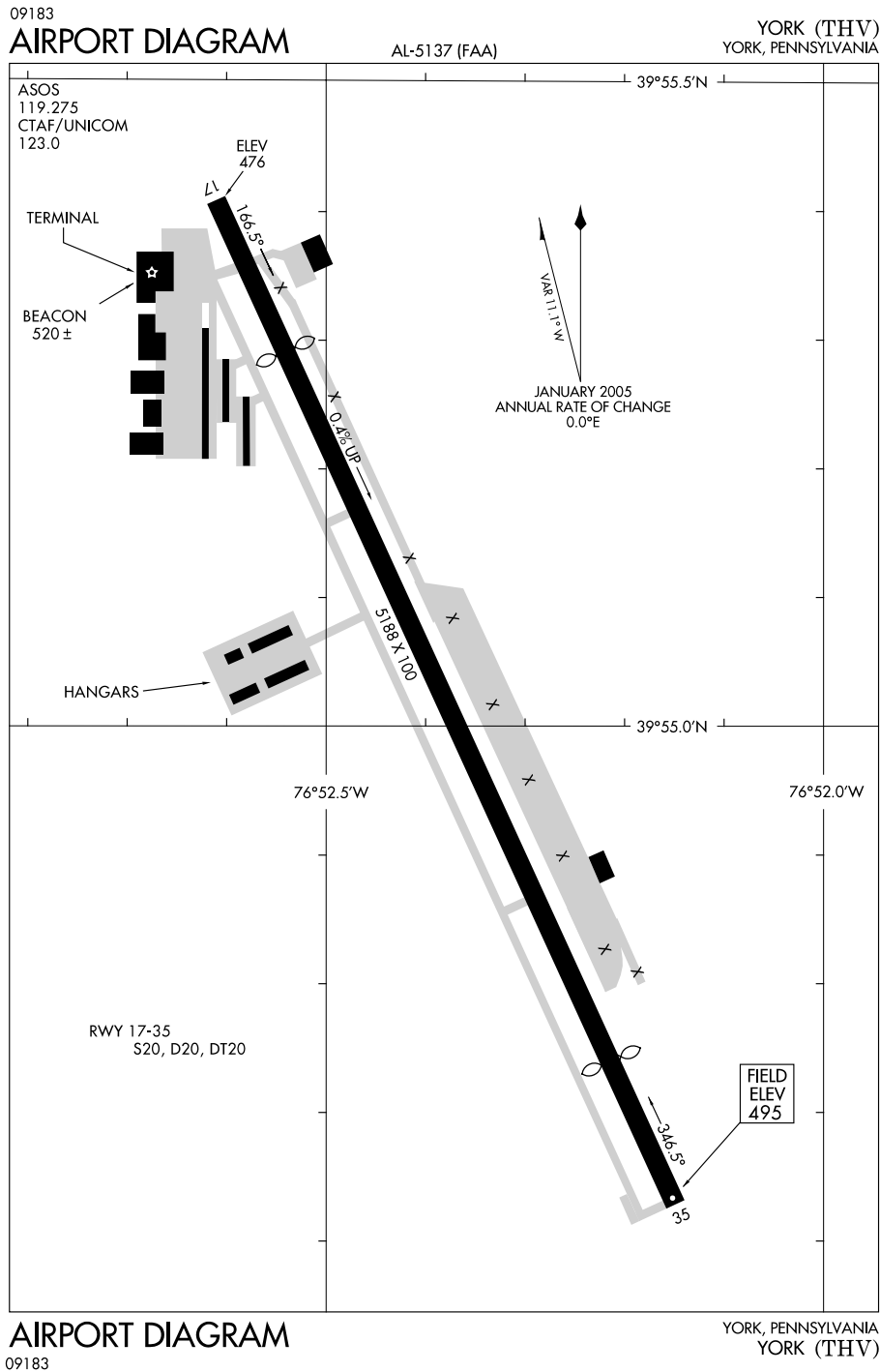
AL-652 (FAA)

WORCESTER RGNL (ORH)
WORCESTER, MASSACHUSETTS



09239
AIRPORT DIAGRAM

WORCESTER, MASSACHUSETTS
WORCESTER RGNL (ORH)



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|

NATIONAL WEATHER SERVICE (NWS)
UPPER AIR OBSERVING STATION (UAOS)
AND
WEATHER RADAR NETWORK



LEGEND

- △ AVIATION WEATHER SERVICE (MILITARY)
- ▲ AIR TRAFFIC CONTROL RADAR
- ★ UPPER AIR OBSERVING STATION/RADAR
- RADAR ONLY
- UAOS-BALLOON RELEASE AROUND 1100 UTC AND 2300 UTC DAILY
- OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON

NOTE: FOR RELEASES LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.